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Our Colleges and Universities Today

DEGREES AND OTHER FORMAL AWARDS CONFERRED 1979-80

VOLUME XVIII, NUMBER 2

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HIGHLIGHTS

The 1979-80 data on degrees and other formal awards conferred indicate that:

* 90,905 associate and higher degrees were granted, including 17,107 associate, 55,121 bachelor's, 3,762 first-professional, 13,246 master's and 1,669 doctor's degrees.

* compared to the 1978-79 data, associate degrees decreased by 1.2 percent, bachelor's degrees increased by 1.4 percent, first-professional degrees decreased by 0.4 percent, master's degrees decreased by 3.8 percent and doctor's degrees increased by 0.6 percent.

* the public sector awarded 56.7 percent of the associate degrees, 50.7 percent of the bachelor's degrees, 31.4 percent of the first-professional degrees, 53.0 percent of the master's degrees and 62.1 percent of the doctor's degrees.

* women accounted for 48.1 percent of all associate and higher degree graduates, up from the 47.6 percent reported for 1978-79.

* since 1972-73, bachelor's degrees have shown an upward trend in the fields of business and management, engineering and health professions. Over the same period, the trend for education and social sciences has been downward.

* over half of all associate degrees were awarded in two major fields of study. They were business and commerce technologies (32.3 percent) and the arts and sciences or general programs (21.7 percent).

* there were 3,682 other formal awards (without the associate degree) for curriculums of two or more years but less than four years. In addition, there were 3,762 other formal awards in curriculums of at least one year but less than two years.

FOREWORD

The series of publications entitled Our Colleges and Universities Today is designed to provide statistical data and trends relating to higher education in the Commonwealth of Pennsylvania.

"Degrees and Other Formal Awards Conferred" is Number 2 of Volume XVIII in this series. Other issues in the series, published either annually or biennially, provide data on summer and fall enrollments, libraries, preparation and occupational pursuits of teachers, adult/continuing education activities, faculty and other personnel and financial statistics.

Any inquiries relative to these publications, including suggestions for change, should be directed to the Division of Education Statistics, Bureau of Information Systems, Department of Education, 333 Market Street, P.O. Box 911, Harrisburg, PA 17108 (Phone 717-787-2644).

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INTRODUCTION

The data on degrees and other formal awards conferred contained in this publication reflect current year figures as reported by each institution of higher education. All institutions in the Commonwealth responded to the survey.

The data were obtained directly from the institutions on schedules provided by the National Center for Education Statistics or prepared in the Division of Education Statistics. Appreciation is extended to the responsive and cooperative group of higher education officials who are assisting in the continuous development of the Department of Education's higher education data system.

Sources: Degrees and Other Formal Awards Conferred Between July 1, 1979 and June 30, 1980 (NCES 2300-2.1)

ASB and/or AST Degrees and Other Formal Awards Conferred, 1979-80 (DEAS-1043, Part B)

DEGREES AND OTHER FORMAL AWARDS CONFERRED, 1979-80

For the third consecutive year, the number of degrees awarded inched higher. Although the total of 90,905 degrees conferred was only 37 higher than last year, it is topped only by the 91,210 reported in 1973-74. As last year, the sustaining factor is the number of bachelor's degrees conferred. Of the degree levels showing gains, bachelor's rose 1.4 percent to 55,121 and doctor's rose 0.6 percent to 1,669. Countering these gains were declines of 1.2 percent to 17,107 for associate degrees, 0.4 percent to 3,762 for first-professional degrees and 3.8 percent to 13,246 for master's degrees.

As a percentage of the total degrees awarded, 18.8 percent were associate, 60.6 percent were bachelor's, 4.2 percent were first-professional, 14.6 percent were master's and 1.8 percent were doctor's.

For bachelor's and higher degrees, a number of major fields of study recorded changes greater than five percent (positive or negative) from 1978-79 to 1979-80. Those recording gains were business and management (up 6.3 percent to 14,196), communications (up 19.1 percent to 1,408), computer and information sciences (up 38.4 percent to 962), engineering (up 5.8 percent to 5,337) and theology (up 6.8 percent to 996). Losses occurred in the fields of education (down 10.6 percent to 11,851), foreign languages (down 6.4 percent to 794), home economics (down 6.4 percent to 1,091) and library sciences (down 18.7 percent to 357).

As previously noted, just over 60 percent of all degrees were awarded at the bachelor's level. Since the 1972-73 academic year, bachelor's degrees have experienced a downward trend in the education and social sciences major fields of study as illustrated by Figure 1. Letters, as a

major field of study, has been stable over the last couple of years after experiencing several years of decline. In contrast, an upward trend has been noted for the business and management, engineering and health professions major fields of study. Over this same period of time, the biological sciences remained fairly stable.

Although the number of associate degrees declined for the second consecutive year, this number is surpassed only by the figures for the last two years. When compared to the 1978-79 data, two major fields of study had more graduates while five had less. Business and commerce technologies increased by 265 or 5.0 percent and data processing technologies increased by 210 or 21.6 percent. Those associate degree fields of study with fewer graduates than the 1978-79 year were arts and sciences or general programs (down 96 or 2.5 percent), health services and paramedical technologies (down 174 or 6.9 percent), mechanical and engineering technologies (down 208 or 6.7 percent), natural science technologies (down 19 or 4.7 percent) and public service related technologies (down 188 or 15.7 percent).

In addition to the degrees reported, institutions of higher education granted 7,444 other formal awards during 1979-80. Of this amount, 3,682 were awards (without the associate degree) in curriculums of two or more years but less than four years. The remaining 3,762 awards were in curriculums of at least one year but less than two years. The majority of the total was concentrated in two major fields of study. They were business and commerce technologies (2,821) and natural science technologies (2,542). Of the total other formal awards, the Pennsylvania State University, the community colleges and American College continued to award the vast majority.

TABLE 1

ASSOCIATE AND HIGHER DEGREES CONFERRED BY INSTITUTIONAL CATEGORY AND LEVEL OF DEGREE, 1970-71 THROUGH 1979-80

	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
TOTAL, ALL INSTITUTIONS	76 465	84 878	89 446	91 210	90 158	89 367	89 265	90 613	90 868	90 905
Associate Degrees	10 025	13 355	14 213	14 681	14 542	14 918	16 086	17 690	17 317	17 107
Bachelor's Degrees	50 068	52 696	56 379	57 015	55 689	54 646	53 835	53 697	54 338	55 121
First-Professional Degrees	2 387	2 936	3 137	3 248	3 327	3 510	3 524	3 640	3 779	3 762
Master's Degrees	12 346	14 070	13 889	14 604	14 827	14 481	14 189	13 935	13 775	13 246
Doctor's Degrees	1 639	1 821	1 828	1 662	1 773	1 812	1 631	1 651	1 659	1 669
STATE COLLEGES AND UNIVERSITY	14 728	15 764	17 265	18 575	17 820	16 460	16 285	15 549	15 342	15 158
Associate Degrees	-	15	24	21	37	52	105	113	131	120
Bachelor's Degrees	12 590	13 175	14 549	15 151	14 204	13 302	13 016	12 705	12 572	12 651
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	2 138	2 572	2 688	3 397	3 575	3 101	3 162	2 730	2 634	2 369
Doctor's Degrees	-	2	4	6	4	5	2	1	5	18
STATE-RELATED COMMONWEALTH UNIVERSITIES	20 826	23 219	24 280	23 609	23 467	24 116	23 926	24 410	24 445	23 812
Associate Degrees	1 317	1 439	1 404	1 350	1 395	1 577	1 701	1 804	1 800	1 674
Bachelor's Degrees	12 856	13 947	15 298	15 072	14 966	15 276	15 270	15 394	15 463	15 290
First-Professional Degrees	756	878	983	1 031	1 111	1 137	1 148	1 196	1 240	1 183
Master's Degrees	4 989	5 924	5 529	5 207	4 918	5 067	4 815	4 997	4 962	4 646
Doctor's Degrees	908	1 031	1 066	949	1 077	1 059	992	1 019	980	1 019
COMMUNITY COLLEGES	4 952	6 362	6 908	7 466	7 554	7 862	8 189	8 568	7 962	7 905
Associate Degrees	4 952	6 362	6 908	7 466	7 554	7 862	8 189	8 568	7 962	7 905
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-
PRIVATE STATE-AIDED INSTITUTIONS	7 719	8 301	8 059	8 264	8 465	8 589	8 552	8 965	8 957	9 229
Associate Degrees	110	86	119	150	195	208	279	339	293	262
Bachelor's Degrees	3 823	4 070	4 151	4 154	4 366	4 212	4 166	4 343	4 436	4 677
First-Professional Degrees	1 055	1 215	1 235	1 284	1 355	1 461	1 510	1 534	1 577	1 602
Master's Degrees	2 308	2 419	2 096	2 222	2 142	2 248	2 216	2 365	2 257	2 310
Doctor's Degrees	423	511	458	454	407	460	381	384	394	378
PRIVATE COLLEGES AND UNIVERSITIES	25 555	26 663	27 920	28 384	28 342	27 861	27 209	27 039	27 727	28 219
Associate Degrees	1 318	1 308	1 231	1 221	1 350	1 281	1 204	1 307	1 275	1 137
Bachelor's Degrees	20 753	21 471	22 336	22 617	22 137	21 833	21 368	21 225	21 842	22 491
First-Professional Degrees	315	489	551	584	560	552	544	575	598	619
Master's Degrees	2 862	3 118	3 502	3 711	4 036	3 946	3 881	3 726	3 788	3 764
Doctor's Degrees	307	277	300	251	259	249	212	206	224	208

TABLE 1

ASSOCIATE AND HIGHER DEGREES CONFERRED BY INSTITUTIONAL CATEGORY AND LEVEL OF DEGREE, 1970-71 THROUGH 1979-80--Concluded

	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
THEOLOGICAL SEMINARIES	357	424	487	439	499	541	495	523	579	573
Associate Degrees	-	-	-	-	-	-	-	-	-	-
Bachelor's Degrees	46	33	45	21	16	23	15	30	25	12
First-Professional Degrees	261	354	368	349	301	360	322	335	364	358
Master's Degrees	49	37	74	67	156	119	115	117	134	157
Doctor's Degrees	1	-	-	2	26	39	44	41	56	46
PRIVATE JUNIOR COLLEGES	1 580	1 552	1 521	1 374	1 189	1 213	1 438	1 686	1 614	1 573
Associate Degrees	1 580	1 552	1 521	1 374	1 189	1 213	1 438	1 686	1 614	1 573
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-
PROPRIETARY SCHOOLS[1/]	748	2 593	3 006	3 099	2 822	2 725	3 139	3 839	4 209	4 374
Associate Degrees	748	2 593	3 006	3 099	2 822	2 725	3 139	3 839	4 209	4 374
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-
STATE SCHOOL OF TECHNOLOGY[1/]	-	-	-	-	-	-	31	34	33	62
Associate Degrees	-	-	-	-	-	-	31	34	33	62
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-

1/ Includes degrees conferred in associate in specialized business (ASB) and associate in specialized technology (AST) programs only.

TABLE 2

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM
BY INSTITUTION, 1979-80

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
TOTAL, ALL INSTITUTIONS (125)	73 798	55 121	3 762	13 246	1 669
STATE COLLEGES AND UNIVERSITY (14)	15 038	12 651	-	2 369	18
Bloomsburg State College	1 311	1 074	-	237	-
California State College	851	700	-	151	-
Cheyney State College	356	326	-	30	-
Clarion State College	1 008	879	-	129	-
East Stroudsburg State College	766	686	-	80	-
Edinboro State College	1 074	837	-	237	-
Indiana University of Pennsylvania	2 581	2 163	-	400	18
Kutztown State College	799	669	-	130	-
Lock Haven State College	396	396	-	-	-
Mansfield State College	497	448	-	49	-
Millersville State College	1 083	894	-	189	-
Shippensburg State College	1 337	1 004	-	333	-
Slippery Rock State College	1 137	1 003	-	134	-
West Chester State College	1 842	1 572	-	270	-
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)	22 138	15 290	1 183	4 646	1 019
Lincoln University	191	162	-	29	-
The Pennsylvania State University	10 044	8 319	96	1 253	376
Temple University	5 685	3 348	610	1 467	260
University of Pittsburgh	6 218	3 461	477	1 897	383
PRIVATE STATE-AIDED INSTITUTIONS (12)	8 967	4 677	1 602	2 310	378
Delaware Valley College of Science and Agriculture	322	322	-	-	-
Drexel University	1 655	1 101	-	537	17
Hahnemann Medical College and Hospital	350	85	188	69	8
Medical College of Pennsylvania	132	-	117	10	5
Pennsylvania College of Optometry	300	159	141	-	-
Pennsylvania College of Podiatric Medicine	105	-	105	-	-
Philadelphia College of Art	216	212	-	4	-
Philadelphia College of Osteopathic Medicine	204	-	202	2	-
Philadelphia College of Textiles and Science	461	441	-	20	-
Philadelphia College of the Performing Arts	53	51	-	2	-
Thomas Jefferson University	377	127	221	16	13
University of Pennsylvania	4 792	2 179	628	1 650	335
PRIVATE COLLEGES AND UNIVERSITIES (81)	27 082	22 491	619	3 764	208
Academy of the New Church	17	14	3	-	-
Albright College	272	272	-	-	-
Allegheny College	424	413	-	11	-
Allentown College of St. Francis de Sales	140	140	-	-	-
Alliance College	32	32	-	-	-
Alvernia College	119	119	-	-	-
American College	85	-	-	85	-
Antioch University	328	145	-	183	-
Baptist Bible College and School of Theology	129	116	13	-	-
Beaver College	428	159	-	269	-
Bryn Mawr College	380	211	-	123	46
Bucknell University	786	739	-	47	-
Cabrini College	87	87	-	-	-
Carlow College	149	149	-	-	-
Carnegie-Mellon University	1 269	827	-	358	84
Cedar Crest College	174	174	-	-	-
Chatham College	128	128	-	-	-
Chestnut Hill College	172	172	-	-	-
College Misericordia	165	165	-	-	-
Combs College of Music	21	17	-	2	2
Curtis Institute of Music	12	12	-	-	-
Dickinson College	388	388	-	-	-
Dickinson School of Law	162	-	158	4	-
Dropsie University	1	-	-	-	1
Duquesne University	1 584	940	209	419	16
Eastern College	141	141	-	-	-
Elizabethtown College	252	252	-	-	-
Franklin and Marshall College	495	495	-	-	-
Gannon University	580	465	-	115	-

TABLE 2

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM
BY INSTITUTION, 1979-80--Concluded

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
PRIVATE COLLEGES AND UNIVERSITIES--Concluded					
Geneva College	236	236	-	-	-
Gettysburg College	438	438	-	-	-
Gratz College	10	6	-	4	-
Grove City College	495	495	-	-	-
Gwynedd-Mercy College	179	179	-	-	-
Haverford College	220	220	-	-	-
Holy Family College	144	144	-	-	-
Immaculata College	158	158	-	-	-
Juniata College	260	260	-	-	-
King's College	426	426	-	-	-
Lafayette College	503	503	-	-	-
Lancaster Bible College	76	76	-	-	-
LaRoche College	203	203	-	-	-
LaSalle College	976	859	-	117	-
Lebanon Valley College	232	232	-	-	-
Lehigh University	1 476	995	-	431	50
Lycoming College	270	270	-	-	-
Marywood College	840	415	-	425	-
Mercyhurst College	237	232	-	5	-
Messiah College	207	207	-	-	-
Moore College of Art	102	102	-	-	-
Moravian--Total	338	327	11	-	-
Moravian College	327	327	-	-	-
Moravian Theological Seminary	11	-	11	-	-
Muhlenberg College	374	374	-	-	-
Neumann College[1/]	123	123	-	-	-
New School of Music	11	11	-	-	-
Philadelphia College of Bible	137	137	-	-	-
Philadelphia College of Pharmacy and Science	218	188	12	11	7
Point Park College	250	250	-	-	-
Reconstructionist Rabbinical College	3	-	3	-	-
Robert Morris College	556	542	-	14	-
Rosemont College	125	125	-	-	-
St. Francis College	319	248	-	71	-
St. Joseph's University	885	783	-	102	-
St. Vincent--Total	180	168	10	2	-
St. Vincent College	168	168	-	-	-
St. Vincent Seminary	12	-	10	2	-
Seton Hill College	189	189	-	-	-
Spring Garden College	143	143	-	-	-
Susquehanna University	290	290	-	-	-
Swarthmore College	318	317	-	1	-
Thiel College	235	235	-	-	-
United Wesleyan College	33	33	-	-	-
University of Scranton	916	647	-	269	-
Ursinus College	238	238	-	-	-
Valley Forge Christian College	120	120	-	-	-
Villa Maria College	119	119	-	-	-
Villanova University	2 094	1 417	200	475	2
Washington and Jefferson College	214	214	-	-	-
Waynesburg College	124	124	-	-	-
Westminster College	410	344	-	66	-
Widener College of Widener University	568	469	-	99	-
Wilkes College	535	490	-	45	-
Wilson College	30	30	-	-	-
York College of Pennsylvania	379	368	-	11	-
THEOLOGICAL SEMINARIES (14)	573	12	358	157	46
Biblical Theological Seminary	21	-	20	1	-
Calvary Baptist Theological Seminary	19	-	19	-	-
Eastern Baptist Theological Seminary	66	-	48	-	18
Evangelical School of Theology	20	-	18	2	-
Faith Theological Seminary	7	-	4	3	-
Lancaster Theological Seminary	48	-	35	5	8
Lutheran Theological Seminary--Gettysburg	58	-	45	9	4
Lutheran Theological Seminary--Philadelphia	52	-	42	8	2
Mary Immaculate Seminary	17	-	10	7	-
Pittsburgh Theological Seminary	63	-	38	15	10
Reformed Presbyterian Theological Seminary	7	-	7	-	-
St. Charles Borromeo	61	12	20	29	-
Theological Seminary of the Reformed Episcopal Church	17	-	17	-	-
Westminster Theological Seminary	117	-	35	78	4

1/ Formerly Our Lady of Angels College.

FIGURE 1
BACHELOR'S DEGREES CONFERRED IN SEVEN
MAJOR FIELDS OF STUDY, 1970-71 THROUGH 1979-80

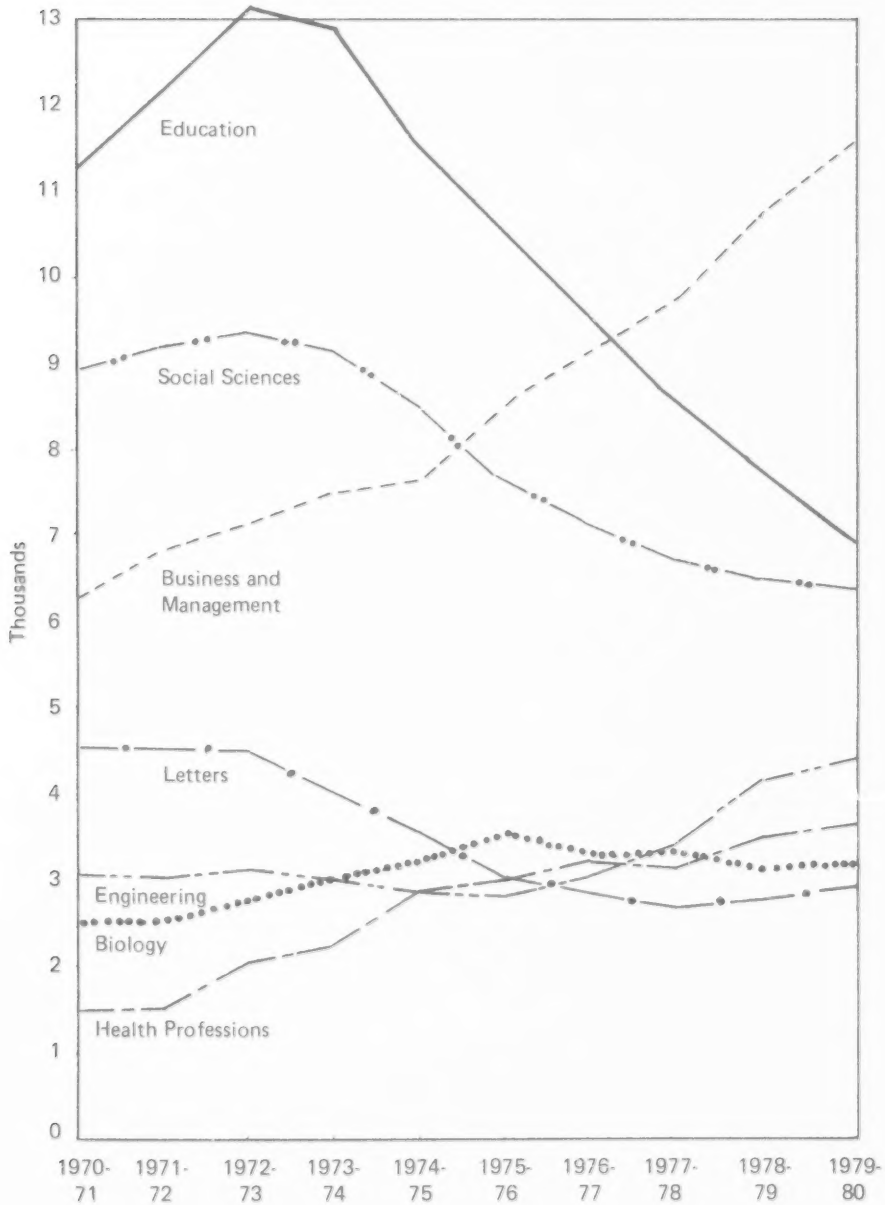


FIGURE 2
DEGREES CONFERRED BY LEVEL OF PROGRAM, 1979-80

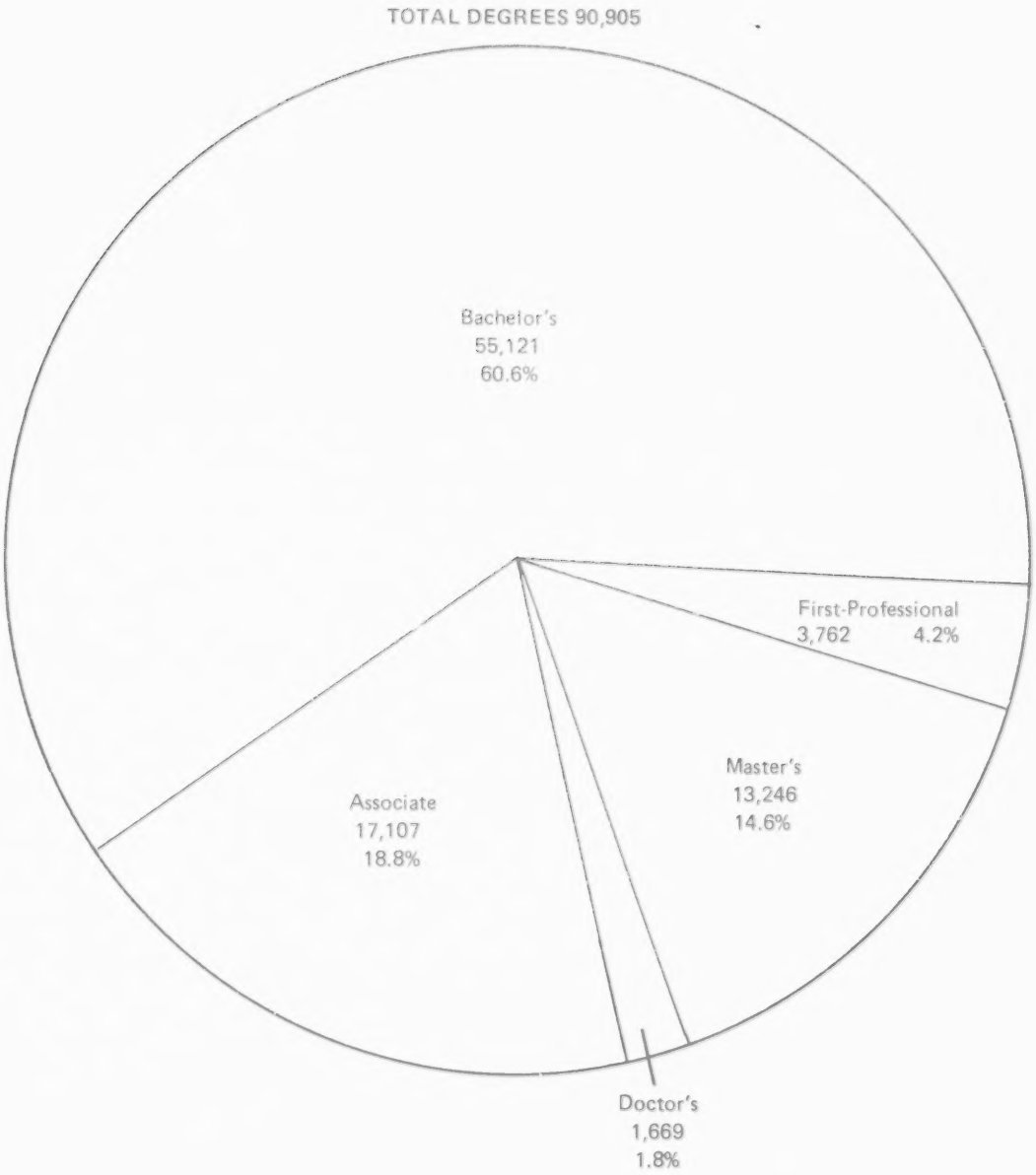


TABLE 3

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY MAJOR FIELD OF STUDY, 1979-80

	Total Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
TOTAL DEGREES, ALL FIELDS	39 326	34 472	28 578	26 543	2 823	939	6 754	6 492	1 171	498
AGRICULTURE AND NATURAL RESOURCES--Total	710	359	655	341	-	-	39	15	16	3
Agriculture, general	32	17	32	17	-	-	-	-	-	-
Agronomy	84	27	75	25	-	-	5	2	4	-
Animal science	97	82	86	80	-	-	8	2	3	-
Dairy science	30	13	26	13	-	-	2	-	2	-
Poultry science	3	-	3	-	-	-	-	-	-	-
Fish, game and wildlife management	-	1	-	-	-	-	-	1	-	-
Horticulture	89	94	83	91	-	-	6	2	-	1
Ornamental horticulture	48	23	48	23	-	-	-	-	-	-
Agricultural economics	26	18	17	14	-	-	6	4	3	-
Agricultural business	36	9	36	9	-	-	-	-	-	-
Food science and technology	38	26	32	21	-	-	4	3	2	2
Forestry	88	15	88	15	-	-	-	-	-	-
Natural resources management	95	32	85	31	-	-	8	1	2	-
Agricultural mechanization	15	1	15	1	-	-	-	-	-	-
Forest products	29	1	29	1	-	-	-	-	-	-
ARCHITECTURE AND ENVIRONMENTAL DESIGN--Total	315	168	171	105	-	-	131	62	13	1
Environmental design, general	5	4	5	4	-	-	-	-	-	-
Architecture	188	55	119	36	-	-	61	18	8	1
Interior design	7	51	4	43	-	-	3	8	-	-
Landscape architecture	44	22	35	18	-	-	9	4	-	-
Urban architecture	10	2	-	-	-	-	9	2	1	-
City, community and regional planning	61	34	8	4	-	-	49	30	4	-
AREA STUDIES--Total	64	101	46	78	-	-	11	14	7	9
East Asian studies	17	13	11	8	-	-	1	1	5	4
South Asian studies	3	1	-	-	-	-	3	1	-	-
African studies	6	3	4	3	-	-	2	-	-	-
Russian and Slavic studies	-	4	-	4	-	-	-	-	-	-
Latin American studies	1	-	1	-	-	-	-	-	-	-
American studies	31	65	24	48	-	-	5	12	2	5
Soviet area studies	-	1	-	1	-	-	-	-	-	-
International studies	6	14	6	14	-	-	-	-	-	-
BIOLOGICAL SCIENCES--Total	2 102	1 399	1 783	1 272	-	-	210	83	109	44
Biology, general	1 722	1 135	1 581	1 091	-	-	123	34	18	10
Botany, general	1	2	-	-	-	-	1	1	-	1
Plant pathology	16	4	-	-	-	-	10	4	6	-
Zoology, general	1	-	-	-	-	-	-	-	1	-
Pathology, human and animal	8	6	-	-	-	-	4	4	4	2
Pharmacology, human and animal	22	6	-	-	-	-	9	-	13	6
Physiology, human and animal	21	4	-	1	-	-	10	1	11	2
Microbiology	55	118	31	89	-	-	14	19	10	10
Anatomy	9	3	-	-	-	-	1	-	8	3
Biochemistry	116	51	91	39	-	-	12	7	13	5
Biophysics	20	4	14	3	-	-	4	1	2	-
Molecular biology	17	3	11	2	-	-	2	-	4	1
Cell biology	4	10	3	9	-	-	-	1	1	-
Biometrics and biostatistics	3	-	-	-	-	-	1	-	2	-
Ecology	21	16	15	12	-	-	4	3	2	1
Entomology	11	1	7	-	-	-	3	1	1	-
Genetics	6	1	-	-	-	-	4	-	2	1
Nutrition, scientific	2	2	-	2	-	-	-	-	-	-
Neurosciences	1	-	-	-	-	-	-	-	1	-
Toxicology	5	2	-	-	-	-	5	2	-	-
Pharmacognosy	4	1	-	-	-	-	1	-	3	1
Animal behavior	5	6	5	6	-	-	-	-	-	-
Plant science	11	8	11	8	-	-	-	-	-	-
Veterinary science	1	3	-	-	-	-	1	3	-	-
Biological science	10	6	8	5	-	-	1	1	1	-
Biophysics/microbiology	4	2	1	-	-	-	-	1	3	1
Radiation physics	3	5	3	5	-	-	-	-	-	-
Immunology	3	-	-	-	-	-	-	-	3	-
BUSINESS AND MANAGEMENT--Total	10 090	4 106	7 967	3 499	-	-	2 073	597	50	10
Business and commerce, general	1 822	636	1 317	469	-	-	498	166	7	1
Accounting	2 419	1 039	2 344	1 016	-	-	73	23	2	-
Business statistics	13	8	2	-	-	-	8	8	3	-

TABLE 3

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY MAJOR FIELD OF STUDY, 1979-80--Continued

	Total Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
BUSINESS AND MANAGEMENT--Concluded										
Banking and Finance	876	226	517	151	-	-	353	73	6	2
Business management and administration	3 199	1 223	2 319	994	-	-	858	226	22	3
Operations research	40	12	18	7	-	-	17	4	5	1
Hotel and restaurant management	7	1	7	1	-	-	-	-	-	-
Marketing and purchasing	832	486	757	443	-	-	74	42	1	1
Transportation and public utilities	115	33	112	33	-	-	3	-	-	-
Real estate	35	11	30	8	-	-	5	3	-	-
Insurance	60	20	53	18	-	-	7	2	-	-
International business	14	7	4	2	-	-	10	5	-	-
Secretarial studies	-	25	-	25	-	-	-	-	-	-
Personnel management	47	22	47	22	-	-	-	-	-	-
Labor and industrial relations	131	76	70	56	-	-	61	20	-	-
Business economics	190	61	182	57	-	-	7	2	1	2
Quantitative business analysis	21	22	21	22	-	-	-	-	-	-
Industrial administration/management	87	18	4	-	-	-	80	18	3	-
Food marketing and purchasing	75	35	67	35	-	-	8	-	-	-
Textile management and marketing	35	72	35	72	-	-	-	-	-	-
Administration/management science	48	43	48	42	-	-	-	1	-	-
Actuarial sciences	10	3	8	1	-	-	2	2	-	-
Tax accounting	9	2	-	-	-	-	9	2	-	-
Office management	5	25	5	25	-	-	-	-	-	-
COMMUNICATIONS--Total	659	749	609	712	-	-	48	34	2	3
Communications, general	208	266	173	241	-	-	33	22	2	3
Journalism	200	291	192	286	-	-	8	5	-	-
Radio/television	163	83	162	83	-	-	1	-	-	-
Advertising	52	67	52	67	-	-	-	-	-	-
Communication media	36	42	30	35	-	-	6	7	-	-
COMPUTER AND INFORMATION SCIENCES--Total	631	331	467	231	-	-	151	97	13	3
Computer and information sciences, general	558	288	420	212	-	-	126	76	12	-
Information sciences and systems	49	36	23	13	-	-	25	20	1	3
Data processing	22	5	22	5	-	-	-	-	-	-
Computer programming	2	1	2	1	-	-	-	-	-	-
Systems analysis	-	1	-	-	-	-	-	1	-	-
EDUCATION--Total	3 311	8 540	1 772	5 155	-	-	1 271	3 181	268	204
Education, general	98	369	3	7	-	-	88	350	7	12
Elementary education, general	493	2 604	348	2 077	-	-	137	522	8	5
Secondary education, general	115	144	69	77	-	-	41	64	5	3
Junior high school education	2	-	-	-	-	-	2	-	-	-
Higher education, general	20	24	-	-	-	-	3	1	17	23
Adult and continuing education	1	16	-	-	-	-	1	16	-	-
Special education, general	178	860	74	501	-	-	93	348	11	11
Education of the mentally retarded	64	313	45	264	-	-	18	49	1	-
Education of the deaf	-	2	-	-	-	-	-	2	-	-
Education of the visually handicapped	5	26	5	26	-	-	-	-	-	-
Speech correction	25	376	16	256	-	-	9	119	-	1
Education of the emotionally disturbed	6	24	-	2	-	-	6	22	-	-
Education of the physically handicapped	1	15	1	15	-	-	-	-	-	-
Education of the multiple handicapped	4	19	-	-	-	-	4	19	-	-
Social foundations	9	5	-	-	-	-	7	2	2	3
Educational psychology	70	87	-	-	-	-	49	64	21	23
Pre-elementary education	2	43	2	43	-	-	-	-	-	-
Educational statistics and research	3	9	-	2	-	-	1	6	2	1
Educational testing, evaluation and measurement	-	2	-	-	-	-	-	2	-	-
Student personnel	265	393	-	-	-	-	243	383	22	10
Educational administration	185	115	-	-	-	-	137	100	48	15
Educational supervision	22	22	-	-	-	-	8	18	14	4
Curriculum and instruction	46	71	-	-	-	-	20	52	26	19
Reading education	78	532	-	-	-	-	77	519	1	13
Art education	61	217	45	166	-	-	12	46	4	5
Music education	253	340	222	308	-	-	26	31	5	1
Mathematics education	22	23	2	3	-	-	18	20	2	-
Science education	23	22	4	2	-	-	15	17	4	3
Physical education	516	569	464	492	-	-	43	73	9	4
Health education	29	67	25	37	-	-	4	29	-	1
Business, commerce and distributive education	66	153	41	113	-	-	21	38	4	2
Industrial arts, vocational and technical education	302	43	233	17	-	-	55	11	14	15

TABLE 3

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY MAJOR FIELD OF STUDY, 1979-80--Continued

	Total Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
EDUCATION--Concluded										
Social studies	128	115	82	29	-	-	45	86	1	-
Early childhood education	12	322	7	281	-	-	3	37	2	4
School psychology	24	26	-	1	-	-	19	23	5	2
Rehabilitation education	23	60	23	60	-	-	-	-	-	-
Extension education	1	1	-	-	-	-	1	1	-	-
Instructional media	18	32	-	-	-	-	18	31	-	1
Library science education	-	36	-	36	-	-	-	-	-	-
Dental hygiene	-	23	-	23	-	-	-	-	-	-
Urban education	10	17	-	-	-	-	2	8	8	9
Health, physical and recreational education	60	97	32	69	-	-	23	25	5	3
International education	20	6	-	-	-	-	7	2	13	4
Social restoration	7	5	-	-	-	-	7	5	-	-
Agricultural education	42	12	27	11	-	-	8	1	7	-
Home economics	1	175	1	130	-	-	-	38	-	7
Nursing education	1	108	1	107	-	-	-	1	-	-
ENGINEERING--Total	4 729	608	3 780	512	-	-	757	70	133	1
Engineering, general	118	20	89	18	-	-	29	2	-	-
Aerospace, aeronautical and astronautical engineering	32	-	23	-	-	-	6	-	3	-
Agricultural engineering	22	4	17	4	-	-	4	-	1	-
Architectural engineering	69	8	58	8	-	-	11	-	-	-
Bioengineering and biomedical engineering	35	11	17	9	-	-	15	2	3	-
Chemical engineering	551	137	451	116	-	-	79	20	21	1
Petroleum engineering	58	9	49	5	-	-	6	4	3	-
Civil, construction and transportation engineering	640	101	499	94	-	-	126	7	15	-
Electrical, electronics and communications engineering	1 015	61	849	54	-	-	137	7	29	-
Mechanical engineering	848	75	738	71	-	-	102	4	8	-
Industrial and management engineering	295	63	222	56	-	-	68	7	5	-
Metallurgical engineering	132	30	25	-	-	-	28	5	20	-
Materials engineering	45	5	39	5	-	-	4	-	2	-
Ceramic engineering	30	5	25	5	-	-	2	-	3	-
Textile engineering	17	7	17	7	-	-	-	-	-	-
Mining and mineral engineering	143	9	115	8	-	-	27	1	1	-
Engineering physics	8	-	8	-	-	-	-	-	-	-
Nuclear engineering	55	5	36	4	-	-	17	1	2	-
Engineering mechanics	7	1	-	-	-	-	4	1	3	-
Environmental and sanitary engineering	83	12	50	6	-	-	32	6	1	-
Engineering technologies	396	27	386	27	-	-	7	-	3	-
Engineering science	53	5	37	5	-	-	16	-	-	-
Engineering acoustics	2	-	-	-	-	-	-	-	2	-
Civil/urban engineering	5	-	-	-	-	-	5	-	-	-
Systems engineering	35	4	6	2	-	-	23	2	6	-
Engineering/public affairs	1	-	-	-	-	-	-	-	1	-
Industrial technologies	3	1	3	1	-	-	-	-	-	-
Energy technology	19	3	9	2	-	-	9	1	1	-
Industrial management technology	9	4	9	4	-	-	-	-	-	-
Manufacturing technology	3	-	3	-	-	-	-	-	-	-
Petroleum technology	-	1	-	1	-	-	-	-	-	-
FINE AND APPLIED ARTS--Total	771	1 543	632	1 378	-	-	127	150	12	15
Fine arts, general	83	177	69	164	-	-	14	13	-	-
Art	202	503	174	474	-	-	28	29	-	-
Art history and appreciation	16	102	12	76	-	-	2	15	2	11
Music (performing, composition, theory)	128	143	95	100	-	-	30	39	3	4
Music (liberal arts program)	53	75	46	67	-	-	6	8	1	-
Music history and appreciation	12	3	4	2	-	-	4	1	4	-
Dramatic arts	137	146	105	125	-	-	30	21	2	-
Dance	1	38	1	27	-	-	-	11	-	-
Applied design	90	285	88	283	-	-	2	2	-	-
Cinematography	19	12	19	12	-	-	-	-	-	-
Photography	10	27	8	23	-	-	2	4	-	-
Art and design	-	7	-	7	-	-	-	-	-	-
Fine and applied arts	-	2	-	2	-	-	-	-	-	-
General arts	3	5	3	5	-	-	-	-	-	-
Opera	4	6	-	2	-	-	4	4	-	-
Printmaking	13	12	8	9	-	-	5	3	-	-

TABLE 3

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY MAJOR FIELD OF STUDY, 1979-80--Continued

	Total Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
FOREIGN LANGUAGES--Total	168	626	132	544	-	-	29	71	7	11
Foreign languages, general	8	21	6	17	-	-	2	3	-	1
French	31	213	24	193	-	-	6	18	1	2
German	36	82	25	68	-	-	8	11	3	3
Italian	6	2	5	2	-	-	1	-	-	-
Spanish	41	252	35	217	-	-	5	31	1	4
Russian	22	35	20	33	-	-	2	2	-	-
Japanese	2	2	2	2	-	-	-	-	-	-
Latin	8	9	8	8	-	-	-	1	-	-
Greek, classical	4	3	4	2	-	-	-	-	-	1
Hebrew	1	1	1	1	-	-	-	-	-	-
Slavic languages	9	6	2	1	-	-	5	5	2	-
HEALTH PROFESSIONS--Total	2 483	4 013	617	2 985	1 614	489	210	509	41	30
Health professions, general	23	71	20	48	-	-	3	23	-	-
Hospital and health care administration	69	122	42	92	-	-	27	30	-	-
Nursing	71	2 120	64	1 885	-	-	7	228	-	7
Dentistry, D.D.S. or D.M.D. degree	353	65	-	-	353	65	-	-	-	-
Dental specialties	13	7	-	-	-	-	12	5	1	2
Medicine, M.D. degree	825	287	-	-	825	287	-	-	-	-
Medical specialties	30	3	-	-	-	-	11	-	19	3
Occupational therapy	6	77	6	77	-	-	-	-	-	-
Optometry	115	26	-	-	115	26	-	-	-	-
Osteopathic medicine, D.O. degree	164	38	-	-	163	38	-	-	-	-
Pharmacy	363	259	319	242	23	4	18	13	3	-
Physical therapy	21	73	21	73	-	-	-	-	-	-
Dental hygiene	-	24	-	24	-	-	-	-	-	-
Public health	95	97	6	16	-	-	79	76	10	5
Medical record librarianship	1	11	1	11	-	-	-	-	-	-
Podiatry or podiatric medicine	80	25	-	-	80	25	-	-	-	-
Veterinary medicine, D.V.M. degree	55	44	-	-	55	44	-	-	-	-
Veterinary medicine specialties	-	3	-	-	-	-	-	-	-	3
Speech pathology and audiology	11	136	5	40	-	-	3	89	3	7
Clinical social work	35	29	-	-	-	-	35	29	-	-
Medical laboratory technologies	42	268	41	267	-	-	1	1	-	-
Radiologic technologies	16	30	10	26	-	-	6	4	-	-
Anesthesiology	13	7	13	7	-	-	-	-	-	-
Psychiatry	4	2	-	-	-	-	3	-	1	2
Inhalation therapy	8	13	8	13	-	-	-	-	-	-
Environmental health	7	7	7	7	-	-	-	-	-	-
Music therapy	2	18	2	18	-	-	-	-	-	-
Child care/development	3	44	3	34	-	-	-	10	-	-
Health records administration	5	34	5	34	-	-	-	-	-	-
Art therapy	-	2	-	2	-	-	-	-	-	-
Laboratory animal medicine	3	-	-	-	-	-	3	-	-	-
Mental health technologies	9	29	9	29	-	-	-	-	-	-
Pre-medicine degree program	9	4	9	4	-	-	-	-	-	-
Biological chemistry	11	6	7	6	-	-	1	-	3	-
Medical assisting technologies	19	25	19	25	-	-	-	-	-	-
Clinical chemistry	1	6	-	5	-	-	1	1	-	-
Comparative medical science	1	1	-	-	-	-	-	-	1	1
HOME ECONOMICS--Total	154	937	141	874	-	-	7	54	6	9
Home economics, general	-	170	-	168	-	-	-	2	-	-
Clothing and textiles	1	81	1	81	-	-	-	-	-	-
Consumer economics and home management	-	39	-	39	-	-	-	-	-	-
Family relations and child development	48	272	39	244	-	-	5	20	4	8
Foods and nutrition	15	297	11	264	-	-	2	32	2	1
Institutional management and cafeteria management	90	78	90	78	-	-	-	-	-	-
LAW--Total	938	421	12	10	862	398	64	13	-	-
Law, general	935	420	12	10	862	398	61	12	-	-
Comparative law	3	1	-	-	-	-	3	1	-	-
LETTERS--Total	1 437	1 879	1 216	1 611	-	-	133	223	88	45
English, general	584	1 012	488	887	-	-	63	103	33	22
Literature, English	66	149	61	128	-	-	3	17	2	4
Comparative literature	5	7	4	4	-	-	-	3	1	-
Classics	13	15	10	11	-	-	2	4	1	-

TABLE 3

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY MAJOR FIELD OF STUDY, 1979-80--Continued

	Total Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
LETTERS--Concluded										
Linguistics	14	34	2	12	-	-	8	18	4	4
Speech, debate and forensic science	249	284	219	270	-	-	14	10	16	4
Creative writing	6	6	6	6	-	-	-	-	-	-
Teaching of English as a foreign language	4	5	-	-	-	-	4	5	-	-
Philosophy	207	90	174	73	-	-	13	13	20	4
Religious studies	221	183	191	138	-	-	22	42	8	3
Religion/philosophy	2	-	2	-	-	-	-	-	-	-
Folklore	5	11	-	1	-	-	2	6	3	4
Classical studies	1	3	1	3	-	-	-	-	-	-
Bible studies	14	2	14	2	-	-	-	-	-	-
Rabbinics and rabbinical literature	3	7	1	5	-	-	2	2	-	-
English, writing	37	60	37	60	-	-	-	-	-	-
Technical writing/editing	5	11	5	11	-	-	-	-	-	-
Literature	1	-	1	-	-	-	-	-	-	-
LIBRARY SCIENCE--Total	62	295	5	24	-	-	54	265	3	6
Library science, general	62	295	5	24	-	-	54	265	3	6
MATHEMATICS--Total	528	412	431	365	-	-	73	44	24	3
Mathematics, general	468	385	395	343	-	-	54	39	19	3
Statistics, mathematical and theoretical	22	7	3	3	-	-	15	4	4	-
Applied mathematics	38	20	33	19	-	-	4	1	1	-
PHYSICAL SCIENCES--Total	1 715	503	1 353	432	-	-	218	61	144	10
Physical sciences, general	128	30	109	27	-	-	17	3	2	-
Physics, general	289	35	199	29	-	-	43	5	47	1
Chemistry, general	744	318	605	273	-	-	81	38	58	7
Inorganic chemistry	1	1	-	-	-	-	-	-	1	1
Organic chemistry	2	1	-	-	-	-	-	-	2	1
Physical chemistry	1	-	-	-	-	-	-	-	1	-
Pharmaceutical chemistry	12	3	-	-	-	-	8	3	4	-
Astronomy	25	3	18	2	-	-	3	1	4	-
Atmospheric sciences and meteorology	65	5	47	4	-	-	17	1	1	-
Geology	197	60	168	55	-	-	20	5	9	-
Geochemistry	2	-	-	-	-	-	-	-	2	-
Geophysics and seismology	8	3	-	2	-	-	5	1	3	-
Earth sciences, general	91	15	82	12	-	-	6	3	3	-
Metallurgy	38	3	28	3	-	-	7	-	3	-
Electronic physics	4	1	4	1	-	-	-	-	-	-
Mineral economics	30	5	27	5	-	-	2	-	1	-
Science	62	19	62	19	-	-	-	-	-	-
Textile chemistry	4	-	4	-	-	-	-	-	-	-
Applied physics	2	-	-	-	-	-	-	-	2	-
Polymer science	5	-	-	-	-	-	4	-	1	-
Geochemistry and mineralogy	5	1	-	-	-	-	5	1	-	-
PSYCHOLOGY--Total	1 039	1 765	866	1 548	-	-	133	186	40	31
Psychology, general	991	1 665	855	1 517	-	-	102	124	34	24
Experimental psychology	4	2	-	-	-	-	2	1	2	1
Clinical psychology	4	7	-	-	-	-	1	5	3	2
Psychology for counseling	26	47	4	6	-	-	22	41	-	-
Social psychology	14	38	7	25	-	-	6	12	1	-
Developmental psychology	-	4	-	-	-	-	-	3	-	1
Physiological psychology	-	2	-	-	-	-	-	-	-	2
PUBLIC AFFAIRS AND SERVICES--Total	1 772	2 056	1 233	1 528	-	-	509	511	30	17
Community services, general	32	29	26	23	-	-	5	5	1	1
Public administration	299	109	52	34	-	-	247	75	-	-
Parks and recreation management	162	153	151	146	-	-	11	7	-	-
Social work and helping services	375	1 312	206	913	-	-	158	384	11	15
Law enforcement and corrections	602	294	587	285	-	-	15	9	-	-
International public service	52	22	16	11	-	-	26	10	10	1
Safety management	50	10	50	10	-	-	-	-	-	-
Public service	6	15	6	15	-	-	-	-	-	-
Administration of justice	108	62	99	58	-	-	9	4	-	-
Public policy	40	16	2	3	-	-	35	13	3	-
Peace science	1	-	-	-	-	-	1	-	-	-
Urban/public affairs	3	-	-	-	-	-	-	-	3	-
Man-environment relations	42	34	38	30	-	-	2	4	2	-

TABLE 3

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY MAJOR FIELD OF STUDY, 1979-80--Concluded

	Total Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
SOCIAL SCIENCES--Total	4 104	2 760	3 723	2 589	-	-	271	129	110	42
Social sciences, general	266	202	251	194	-	-	14	8	1	-
Anthropology	70	96	41	75	-	-	15	13	14	8
Archaeology	7	11	1	3	-	-	4	4	2	4
Economics	1 101	456	1 029	442	-	-	43	12	29	2
History	744	424	662	385	-	-	63	33	19	6
Geography	146	49	114	42	-	-	28	7	4	-
Political science and government	1 081	554	1 023	541	-	-	46	9	12	4
Sociology	323	638	293	602	-	-	15	21	15	15
Criminology	146	98	135	95	-	-	11	3	-	-
International relations	63	53	50	43	-	-	8	10	5	-
Afro-American studies	1	1	1	1	-	-	-	-	-	-
Urban studies	54	50	53	50	-	-	1	-	-	-
Demography	15	4	-	-	-	-	13	2	2	2
Sociology/anthropology	35	87	34	85	-	-	1	2	-	-
Rural sociology	2	-	-	-	-	-	-	-	2	-
History/philosophy of science	1	1	-	-	-	-	1	1	-	-
History/sociology of science	5	3	4	3	-	-	1	-	-	-
Ancient history	3	3	-	-	-	-	1	3	2	-
Social relations	6	18	6	18	-	-	-	-	-	-
Regional science	9	3	-	1	-	-	6	1	3	1
Pre-law degree program	26	9	26	9	-	-	-	-	-	-
THEOLOGY--Total	737	259	209	138	346	52	137	68	45	1
Theological professions, general	632	126	122	28	346	52	119	45	45	1
Religious music	8	13	8	13	-	-	-	-	-	-
Religious education	97	120	79	97	-	-	18	23	-	-
INTERDISCIPLINARY STUDIES--Total	807	642	699	587	-	-	98	55	10	-
General liberal arts and sciences	383	368	340	334	-	-	39	34	4	-
Biological and physical sciences	205	63	203	62	-	-	2	1	-	-
Humanities and social sciences	36	44	36	44	-	-	-	-	-	-
Humanities	26	55	25	42	-	-	1	13	-	-
Behavioral sciences	11	27	11	27	-	-	-	-	-	-
Environmental studies	74	41	69	41	-	-	5	-	-	-
Medieval studies	-	5	-	5	-	-	-	-	-	-
Accounting/mathematics	1	1	1	1	-	-	-	-	-	-
Theatre/dramatic literature	-	3	-	3	-	-	-	-	-	-
Psycho-linguistics	1	1	1	1	-	-	-	-	-	-
Psycho-biology	6	19	6	18	-	-	-	1	-	-
Environmental pollution control	12	-	-	-	-	-	12	-	-	-
Bachelor of philosophy program	6	6	6	6	-	-	-	-	-	-
Public/health/administration	28	2	-	-	-	-	28	2	-	-
Human services	6	3	-	-	-	-	6	3	-	-
Physics mathematics	-	3	-	3	-	-	-	-	-	-
Acoustics	11	1	-	-	-	-	5	1	6	-
Psychology/business	1	-	1	-	-	-	-	-	-	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
TOTAL DEGREES, ALL FIELDS	73 798	55 121	3 762	13 246	1 669
AGRICULTURE AND NATURAL RESOURCES--Total	1 069	996	-	54	19
State-Related Commonwealth Universities	834	761	-	54	19
The Pennsylvania State University	834	761	-	54	19
Private State-Aided Institutions	224	224	-	-	-
Delaware Valley College of Science and Agriculture	224	224	-	-	-
Private Colleges and Universities	11	11	-	-	-
Albright College	1	1	-	-	-
Franklin and Marshall College	5	5	-	-	-
Juniata College	3	3	-	-	-
Lehigh University	2	2	-	-	-
ARCHITECTURE AND ENVIRONMENTAL DESIGN--Total	483	276	-	193	14
State Colleges and University	10	10	-	-	-
Indiana University of Pennsylvania	10	10	-	-	-
State-Related Commonwealth Universities	137	108	-	29	-
The Pennsylvania State University	121	99	-	22	-
University of Pittsburgh	16	9	-	7	-
Private State-Aided Institutions	249	83	-	153	13
Drexel University	63	52	-	11	-
Philadelphia College of Art	8	8	-	-	-
University of Pennsylvania	178	23	-	142	13
Private Colleges and Universities	87	75	-	11	1
Carnegie-Mellon University	58	46	-	11	1
Haverford College	2	2	-	-	-
LaRoche College	15	15	-	-	-
Lehigh University	6	6	-	-	-
Spring Garden College	6	6	-	-	-
AREA STUDIES--Total	165	124	-	25	16
State Colleges and University	5	5	-	-	-
Lock Haven State College	2	2	-	-	-
West Chester State College	3	3	-	-	-
State-Related Commonwealth Universities	25	20	-	5	-
The Pennsylvania State University	12	7	-	5	-
Temple University	13	13	-	-	-
Private State-Aided Institutions	62	28	-	18	16
University of Pennsylvania	62	28	-	18	16
Private Colleges and Universities	73	71	-	2	-
Albright College	5	5	-	-	-
Allegheny College	1	1	-	-	-
Chestnut Hill College	2	2	-	-	-
Dickinson College	28	28	-	-	-
Duquesne University	2	-	-	2	-
Franklin and Marshall College	16	16	-	-	-
Lafayette College	2	2	-	-	-
Lehigh University	1	1	-	-	-
Muhlenberg College	8	8	-	-	-
Rosemont College	1	1	-	-	-
Seton Hill College	3	3	-	-	-
Wilkes College	1	1	-	-	-
Wilson College	3	3	-	-	-
BIOLOGICAL SCIENCES--Total	3 501	3 055	-	293	153
State Colleges and University	514	428	-	86	-
Bloomsburg State College	54	39	-	15	-
California State College	16	12	-	4	-
Cheyney State College	14	14	-	-	-
Clarion State College	50	41	-	9	-
East Stroudsburg State College	60	57	-	3	-
Edinboro State College	36	28	-	8	-
Indiana University of Pennsylvania	66	53	-	13	-
Kutztown State College	32	21	-	11	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
BIOLOGICAL SCIENCES--Continued					
State Colleges and University--Concluded					
Lock Haven State College	15	15	-	-	-
Mansfield State College	16	16	-	-	-
Millersville State College	46	38	-	8	-
Shippensburg State College	45	39	-	6	-
Slippery Rock State College	34	31	-	3	-
West Chester State College	30	24	-	6	-
State-Related Commonwealth Universities	861	690	-	83	88
Lincoln University	21	21	-	-	-
The Pennsylvania State University	520	416	-	64	40
Temple University	104	74	-	10	20
University of Pittsburgh	216	179	-	9	28
Private State-Aided Institutions	420	299	-	67	54
Delaware Valley College of Science and Agriculture	36	36	-	-	-
Drexel University	39	18	-	19	2
Hahnemann Medical College and Hospital	19	-	-	16	3
Medical College of Pennsylvania	9	-	-	7	2
Philadelphia College of Textiles and Science	5	5	-	-	-
Thomas Jefferson University	41	12	-	16	13
University of Pennsylvania	271	228	-	9	34
Private Colleges and Universities	1 706	1 638	-	57	11
Albright College	58	58	-	-	-
Allegheny College	50	50	-	-	-
Allentown College of St. Francis de Sales	12	12	-	-	-
Alliance College	5	5	-	-	-
Alvernia College	9	9	-	-	-
Beaver College	25	25	-	-	-
Bryn Mawr College	27	21	-	3	3
Bucknell University	81	74	-	7	-
Cabrini College	5	5	-	-	-
Carlow College	15	15	-	-	-
Carnegie-Mellon University	13	13	-	-	-
Cedar Crest College	11	11	-	-	-
Chatham College	13	13	-	-	-
Chestnut Hill College	26	26	-	-	-
College Misericordia	5	5	-	-	-
Dickinson College	36	36	-	-	-
Duquesne University	36	15	-	20	1
Eastern College	7	7	-	-	-
Elizabethtown College	14	14	-	-	-
Franklin and Marshall College	40	40	-	-	-
Gannon University	60	60	-	-	-
Geneva College	17	17	-	-	-
Gettysburg College	47	47	-	-	-
Grove City College	30	30	-	-	-
Gwynedd-Mercy College	8	8	-	-	-
Haverford College	23	23	-	-	-
Holy Family College	5	5	-	-	-
Immaculata College	11	11	-	-	-
Juniata College	48	48	-	-	-
King's College	28	28	-	-	-
Lafayette College	67	67	-	-	-
LaRoche College	9	9	-	-	-
LaSalle College	49	49	-	-	-
Lebanon Valley College	24	24	-	-	-
Lehigh University	46	32	-	10	4
Lycoming College	32	32	-	-	-
Marywood College	10	10	-	-	-
Mercyhurst College	6	6	-	-	-
Messiah College	9	9	-	-	-
Moravian--Total	31	31	-	-	-
Moravian College	31	31	-	-	-
Muhlenberg College	71	71	-	-	-
Neumann College[1/]	3	3	-	-	-
Philadelphia College of Pharmacy and Science	15	9	-	3	3
Point Park College	7	7	-	-	-
Rosemont College	6	6	-	-	-
St. Francis College	24	24	-	-	-
St. Joseph's University	57	57	-	-	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
BIOLOGICAL SCIENCES--Concluded					
Private Colleges and Universities--Concluded					
St. Vincent--Total	21	21	-	-	-
St. Vincent College	21	21	-	-	-
Seton Hill College	10	10	-	-	-
Susquehanna University	8	8	-	-	-
Swarthmore College	39	39	-	-	-
Thiel College	10	10	-	-	-
University of Scranton	96	92	-	4	-
Ursinus College	51	51	-	-	-
Villanova University	63	56	-	7	-
Washington and Jefferson College	46	46	-	-	-
Waynesburg College	7	7	-	-	-
Westminster College	26	26	-	-	-
Widener College of Widener University	15	15	-	-	-
Wilkes College	69	66	-	3	-
Wilson College	3	3	-	-	-
York College of Pennsylvania	11	11	-	-	-
BUSINESS AND MANAGEMENT--Total	14 196	11 466	-	2 670	60
State Colleges and University	2 266	2 159	-	107	-
Bloomsburg State College	360	349	-	11	-
California State College	55	55	-	-	-
Cheyney State College	78	78	-	-	-
Clarion State College	350	332	-	18	-
Edinboro State College	100	100	-	-	-
Indiana University of Pennsylvania	524	505	-	19	-
Kutztown State College	121	121	-	-	-
Lock Haven State College	1	1	-	-	-
Mansfield State College	18	18	-	-	-
Millersville State College	41	41	-	-	-
Shippensburg State College	402	343	-	59	-
Slippery Rock State College	11	11	-	-	-
West Chester State College	205	205	-	-	-
State-Related Commonwealth Universities	3 369	2 654	-	687	28
Lincoln University	38	38	-	-	-
The Pennsylvania State University	1 743	1 644	-	88	11
Temple University	959	709	-	246	4
University of Pittsburgh	629	263	-	353	13
Private State-Aided Institutions	2 208	1 266	-	919	23
Delaware Valley College of Science and Agriculture	58	58	-	-	-
Drexel University	602	385	-	217	-
Philadelphia College of Textiles and Science	302	282	-	20	-
University of Pennsylvania	1 246	541	-	682	23
Private Colleges and Universities	6 353	5 387	-	957	9
Albright College	45	45	-	-	-
Allentown College of St. Francis de Sales	28	28	-	-	-
Alliance College	15	15	-	-	-
Alvernia College	33	33	-	-	-
American College	85	-	-	85	-
Antioch University	54	-	-	54	-
Beaver College	10	10	-	-	-
Bucknell University	96	92	-	4	-
Cabrini College	7	7	-	-	-
Carlow College	14	14	-	-	-
Carnegie-Mellon University	161	48	-	106	7
Cedar Crest College	27	27	-	-	-
Chatham College	22	22	-	-	-
Chestnut Hill College	5	5	-	-	-
College Misericordia	18	18	-	-	-
Duquesne University	298	235	-	63	-
Eastern College	30	30	-	-	-
Elizabethtown College	91	91	-	-	-
Franklin and Marshall College	95	95	-	-	-
Gannon University	175	117	-	58	-
Geneva College	62	62	-	-	-
Gettysburg College	108	108	-	-	-
Grove City College	183	183	-	-	-
Gwynedd-Mercy College	24	24	-	-	-
Holy Family College	17	17	-	-	-
Juniata College	59	59	-	-	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
BUSINESS AND MANAGEMENT--Concluded					
Private Colleges and Universities--Concluded					
King's College	126	126	-	-	-
LaRoche College	63	63	-	-	-
LaSalle College	500	396	-	104	-
Lebanon Valley College	30	30	-	-	-
Lehigh University	417	292	-	123	2
Lycoming College	85	85	-	-	-
Marywood College	78	69	-	9	-
Mercyhurst College	62	62	-	-	-
Messiah College	35	35	-	-	-
Moravian--Total	78	78	-	-	-
Moravian College	78	78	-	-	-
Muhlenberg College	52	52	-	-	-
Neumann College[1/]	9	9	-	-	-
Point Park College	50	50	-	-	-
Robert Morris College	519	507	-	12	-
Rosemont College	4	4	-	-	-
St. Francis College	177	117	-	60	-
St. Joseph's University	472	408	-	64	-
St. Vincent--Total	67	67	-	-	-
St. Vincent College	67	67	-	-	-
Seton Hill College	20	20	-	-	-
Spring Garden College	18	18	-	-	-
Susquehanna University	120	120	-	-	-
Thiel College	92	92	-	-	-
University of Scranton	302	216	-	86	-
Ursinus College	28	28	-	-	-
Villa Maria College	3	3	-	-	-
Villanova University	498	498	-	-	-
Waynesburg College	63	63	-	-	-
Westminster College	71	71	-	-	-
Widener College of Widener University	257	170	-	87	-
Wilkes College	146	115	-	31	-
York College of Pennsylvania	149	138	-	11	-
COMMUNICATIONS--Total	1 408	1 321	-	82	5
State Colleges and University	334	288	-	46	-
Bloomsburg State College	14	14	-	-	-
California State College	14	11	-	3	-
Clarion State College	47	33	-	14	-
East Stroudsburg State College	22	22	-	-	-
Indiana University of Pennsylvania	78	65	-	13	-
Kutztown State College	21	21	-	-	-
Lock Haven State College	10	10	-	-	-
Millersville State College	5	5	-	-	-
Shippensburg State College	117	101	-	16	-
Slippery Rock State College	2	2	-	-	-
West Chester State College	4	4	-	-	-
State-Related Commonwealth Universities	648	631	-	15	2
The Pennsylvania State University	272	261	-	11	-
Temple University	352	346	-	4	2
University of Pittsburgh	24	24	-	-	-
Private State-Aided Institutions	41	17	-	21	3
University of Pennsylvania	41	17	-	21	3
Private Colleges and Universities	385	385	-	-	-
Alliance College	3	3	-	-	-
Alvernia College	2	2	-	-	-
Carlow College	5	5	-	-	-
Carnegie-Mellon University	2	2	-	-	-
Chatham College	10	10	-	-	-
Duquesne University	80	80	-	-	-
Eastern College	1	1	-	-	-
Elizabethtown College	7	7	-	-	-
Gannon University	23	23	-	-	-
Geneva College	2	2	-	-	-
Gettysburg College	2	2	-	-	-
Grove City College	28	28	-	-	-
King's College	24	24	-	-	-
LaSalle College	4	4	-	-	-
Lehigh University	12	12	-	-	-
Lycoming College	5	5	-	-	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
COMMUNICATIONS--Concluded					
Private Colleges and Universities--Concluded					
Marywood College	19	19	-	-	-
Mercyhurst College	5	5	-	-	-
Messiah College	2	2	-	-	-
Moravian--Total	15	15	-	-	-
Moravian College	15	15	-	-	-
Muhlenberg College	1	1	-	-	-
Point Park College	50	50	-	-	-
Robert Morris College	6	6	-	-	-
Seton Hill College	5	5	-	-	-
Susquehanna University	20	20	-	-	-
University of Scranton	35	35	-	-	-
Villa Maria College	1	1	-	-	-
Villanova University	6	6	-	-	-
York College of Pennsylvania	10	10	-	-	-
COMPUTER AND INFORMATION SCIENCES--Total	962	698	-	248	16
State Colleges and University	197	197	-	-	-
Bloomsburg State College	18	18	-	-	-
California State College	3	3	-	-	-
Clarion State College	34	34	-	-	-
East Stroudsburg State College	8	8	-	-	-
Edinboro State College	2	2	-	-	-
Indiana University of Pennsylvania	28	28	-	-	-
Lock Haven State College	27	27	-	-	-
Mansfield State College	11	11	-	-	-
Millersville State College	22	22	-	-	-
Shippensburg State College	20	20	-	-	-
Slippery Rock State College	1	1	-	-	-
West Chester State College	23	23	-	-	-
State-Related Commonwealth Universities	392	280	-	109	3
The Pennsylvania State University	141	120	-	21	-
Temple University	94	66	-	28	-
University of Pittsburgh	157	94	-	60	3
Private State-Aided Institutions	79	33	-	42	4
Drexel University	16	16	-	-	-
University of Pennsylvania	63	17	-	42	4
Private Colleges and Universities	294	188	-	97	9
Albright College	2	2	-	-	-
Carnegie-Mellon University	16	-	-	8	8
Dickinson College	1	1	-	-	-
Duquesne University	1	-	-	1	-
Geneva College	9	9	-	-	-
Gwynedd-Mercy College	3	3	-	-	-
Juniata College	4	4	-	-	-
King's College	27	27	-	-	-
LaSalle College	16	16	-	-	-
Lehigh University	12	4	-	7	1
Marywood College	3	3	-	-	-
Messiah College	1	1	-	-	-
Moravian--Total	13	13	-	-	-
Moravian College	13	13	-	-	-
Point Park College	16	16	-	-	-
Robert Morris College	18	18	-	-	-
Spring Garden College	19	19	-	-	-
Susquehanna University	12	12	-	-	-
University of Scranton	26	26	-	-	-
Villanova University	81	-	-	81	-
Westminster College	8	8	-	-	-
Wilkes College	6	6	-	-	-
EDUCATION--Total	11 851	6 927	-	4 452	472
State Colleges and University	5 788	4 251	-	1 535	2
Bloomsburg State College	558	362	-	196	-
California State College	394	273	-	121	-
Cheyney State College	104	76	-	28	-
Clarion State College	273	228	-	45	-
East Stroudsburg State College	403	336	-	67	-
Edinboro State College	444	275	-	169	-
Indiana University of Pennsylvania	706	447	-	257	2

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
EDUCATION--Concluded					
State Colleges and University--Concluded					
Kutztown State College	304	223	-	81	-
Lock Haven State College	195	195	-	-	-
Mansfield State College	189	147	-	42	-
Millersville State College	562	437	-	125	-
Shippensburg State College	276	145	-	131	-
Slippery Rock State College	517	399	-	118	-
West Chester State College	863	708	-	155	-
State-Related Commonwealth Universities	3 300	1 443	-	1 445	412
Lincoln University	18	18	-	-	-
The Pennsylvania State University	1 096	678	-	314	104
Temple University	1 366	552	-	656	158
University of Pittsburgh	820	195	-	475	150
Private State-Aided Institutions	128	23	-	72	33
Philadelphia College of Art	4	-	-	4	-
Philadelphia College of the Performing Arts	11	11	-	-	-
University of Pennsylvania	113	12	-	68	33
Private Colleges and Universities	2 635	1 210	-	1 400	25
Academy of the New Church	3	3	-	-	-
Albright College	6	6	-	-	-
Allegheny College	11	-	-	11	-
Alvernia College	9	9	-	-	-
Antioch University	129	-	-	129	-
Beaver College	272	17	-	255	-
Bryn Mawr College	12	-	-	4	8
Bucknell University	49	29	-	20	-
Cabrini College	32	32	-	-	-
Carlow College	9	9	-	-	-
Carnegie-Mellon University	7	1	-	6	-
Chatham College	2	2	-	-	-
Chestnut Hill College	45	45	-	-	-
College Misericordia	31	31	-	-	-
Combs College of Music	7	7	-	-	-
Duquesne University	263	103	-	160	-
Eastern College	20	20	-	-	-
Elizabethtown College	43	43	-	-	-
Gannon University	43	7	-	36	-
Geneva College	21	21	-	-	-
Gettysburg College	15	15	-	-	-
Grove City College	43	43	-	-	-
Gwynedd-Mercy College	45	45	-	-	-
Holy Family College	39	39	-	-	-
Immaculata College	16	16	-	-	-
Juniata College	21	21	-	-	-
King's College	5	5	-	-	-
LaSalle College	57	57	-	-	-
Lebanon Valley College	48	48	-	-	-
Lehigh University	185	-	-	168	17
Marywood College	343	126	-	217	-
Mercyhurst College	33	33	-	-	-
Messiah College	53	53	-	-	-
Moore College of Art	6	6	-	-	-
Moravian--Total	27	27	-	-	-
Moravian College	27	27	-	-	-
Point Park College	4	4	-	-	-
Robert Morris College	13	11	-	2	-
St. Francis College	35	24	-	11	-
St. Joseph's University	43	15	-	28	-
St. Vincent--Total	1	1	-	-	-
St. Vincent College	1	1	-	-	-
Seton Hill College	14	14	-	-	-
Susquehanna University	29	29	-	-	-
University of Scranton	103	-	-	103	-
Ursinus College	24	24	-	-	-
Villa Maria College	18	18	-	-	-
Villanova University	192	15	-	177	-
Waynesburg College	9	9	-	-	-
Westminster College	117	52	-	65	-
Widener College of Widener University	1	1	-	-	-
Wilkes College	54	46	-	8	-
York College of Pennsylvania	28	28	-	-	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
ENGINEERING--Total	5 337	4 376	-	827	134
State Colleges and University	33	33	-	-	-
California State College	29	29	-	-	-
Cheyney State College	4	4	-	-	-
State-Related Commonwealth Universities	2 473	2 082	-	336	55
The Pennsylvania State University	1 555	1 339	-	180	36
Temple University	157	157	-	-	-
University of Pittsburgh	761	586	-	156	19
Private State-Aided Institutions	869	619	-	211	39
Drexel University	541	421	-	111	9
Philadelphia College of Textiles and Science	34	34	-	-	-
University of Pennsylvania	294	164	-	100	30
Private Colleges and Universities	1 962	1 642	-	280	40
Bucknell University	143	139	-	4	-
Carnegie-Mellon University	449	301	-	119	29
Gannon University	67	57	-	10	-
Geneva College	23	23	-	-	-
Grove City College	81	81	-	-	-
Juniata College	2	2	-	-	-
Lafayette College	141	141	-	-	-
Lehigh University	527	447	-	69	11
Messiah College	1	1	-	-	-
Point Park College	55	55	-	-	-
Spring Garden College	88	88	-	-	-
Swarthmore College	22	22	-	-	-
University of Scranton	2	2	-	-	-
Villanova University	252	186	-	66	-
Widener College of Widener University	73	61	-	12	-
Wilkes College	26	26	-	-	-
York College of Pennsylvania	10	10	-	-	-
FINE AND APPLIED ARTS--Total	2 314	2 010	-	277	27
State Colleges and University	466	431	-	35	-
Bloomsburg State College	18	18	-	-	-
California State College	5	5	-	-	-
Cheyney State College	14	14	-	-	-
Clarion State College	23	23	-	-	-
East Stroudsburg State College	8	8	-	-	-
Edinboro State College	83	79	-	4	-
Indiana University of Pennsylvania	75	45	-	30	-
Kutztown State College	105	105	-	-	-
Lock Haven State College	9	9	-	-	-
Mansfield State College	30	30	-	-	-
Millersville State College	38	38	-	-	-
Shippensburg State College	4	4	-	-	-
Slippery Rock State College	7	7	-	-	-
West Chester State College	47	46	-	1	-
State-Related Commonwealth Universities	526	376	-	140	10
The Pennsylvania State University	190	158	-	28	4
Temple University	292	192	-	99	1
University of Pittsburgh	44	26	-	13	5
Private State-Aided Institutions	391	351	-	34	6
Philadelphia College of Art	204	204	-	-	-
Philadelphia College of Textiles and Science	71	71	-	-	-
Philadelphia College of the Performing Arts	42	40	-	2	-
University of Pennsylvania	74	36	-	32	6
Private Colleges and Universities	931	852	-	68	11
Allegheny College	20	20	-	-	-
Allentown College of St. Francis de Sales	9	9	-	-	-
Alvernia College	2	2	-	-	-
Beaver College	35	31	-	4	-
Bryn Mawr College	18	12	-	2	4
Bucknell University	35	35	-	-	-
Cabrini College	1	1	-	-	-
Carlow College	8	8	-	-	-
Carnegie-Mellon University	230	199	-	26	5

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
FINE AND APPLIED ARTS--Concluded					
Private Colleges and Universities--Concluded					
Cedar Crest College	16	16	-	-	-
Chatham College	13	13	-	-	-
Chestnut Hill College	9	9	-	-	-
College Misericordia	4	4	-	-	-
Combs College of Music	11	7	-	2	2
Curtis Institute of Music	12	12	-	-	-
Dickinson College	21	21	-	-	-
Duquesne University	22	8	-	14	-
Elizabethtown College	1	1	-	-	-
Franklin and Marshall College	15	15	-	-	-
Gannon University	3	3	-	-	-
Gettysburg College	12	12	-	-	-
Haverford College	11	11	-	-	-
Juniata College	3	3	-	-	-
King's College	1	1	-	-	-
LaRoche College	12	12	-	-	-
LaSalle College	7	7	-	-	-
Lebanon Valley College	2	2	-	-	-
Lehigh University	12	12	-	-	-
Lycoming College	13	13	-	-	-
Marywood College	35	24	-	11	-
Mercyhurst College	18	18	-	-	-
Messiah College	3	3	-	-	-
Moore College of Art	96	96	-	-	-
Moravian--Total	16	16	-	-	-
Moravian College	16	16	-	-	-
Muhlenberg College	10	10	-	-	-
New School of Music	11	11	-	-	-
Philadelphia College of Bible	14	14	-	-	-
Point Park College	26	26	-	-	-
Rosemont College	20	20	-	-	-
St. Francis College	4	4	-	-	-
St. Vincent--Total	3	3	-	-	-
St. Vincent College	3	3	-	-	-
Seton Hill College	18	18	-	-	-
Susquehanna University	5	5	-	-	-
Swarthmore College	13	13	-	-	-
Thiel College	22	22	-	-	-
Villanova University	16	7	-	9	-
Washington and Jefferson College	5	5	-	-	-
Waynesburg College	3	3	-	-	-
Westminster College	13	13	-	-	-
Wilkes College	11	11	-	-	-
Wilson College	6	6	-	-	-
York College of Pennsylvania	5	5	-	-	-
FOREIGN LANGUAGES--Total	794	676	-	100	18
State Colleges and University	178	153	-	25	-
Bloomsburg State College	7	7	-	-	-
California State College	6	6	-	-	-
Clarion State College	9	9	-	-	-
East Stroudsburg State College	8	8	-	-	-
Edinboro State College	9	9	-	-	-
Indiana University of Pennsylvania	22	21	-	1	-
Kutztown State College	13	7	-	6	-
Lock Haven State College	2	2	-	-	-
Mansfield State College	2	2	-	-	-
Millersville State College	47	33	-	14	-
Shippensburg State College	7	7	-	-	-
Slippery Rock State College	8	8	-	-	-
West Chester State College	38	34	-	4	-
State-Related Commonwealth Universities	215	160	-	45	10
Lincoln University	12	12	-	-	-
The Pennsylvania State University	107	79	-	23	5
Temple University	42	34	-	7	1
University of Pittsburgh	54	35	-	15	4
Private State-Aided Institutions	42	22	-	14	6
University of Pennsylvania	42	22	-	14	6

TABLE

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
FOREIGN LANGUAGES--Concluded					
Private Colleges and Universities	359	341	-	16	2
Albright College	3	3	-	-	-
Allegheny College	11	11	-	-	-
Allentown College of St. Francis de Sales	2	2	-	-	-
Alliance College	2	2	-	-	-
Beaver College	3	3	-	-	-
Bryn Mawr College	37	33	-	2	2
Bucknell University	21	21	-	-	-
Cabrini College	2	2	-	-	-
Cedar Crest College	9	9	-	-	-
Chatham College	6	6	-	-	-
Chestnut Hill College	15	15	-	-	-
Dickinson College	24	24	-	-	-
Duquesne University	5	2	-	3	-
Eastern College	1	1	-	-	-
Elizabethtown College	3	3	-	-	-
Franklin and Marshall College	12	12	-	-	-
Gannon University	5	5	-	-	-
Geneva College	6	6	-	-	-
Gettysburg College	17	17	-	-	-
Grove City College	6	6	-	-	-
Gwynedd-Mercy College	1	1	-	-	-
Haverford College	4	4	-	-	-
Holy Family College	3	3	-	-	-
Immaculata College	7	7	-	-	-
Juniata College	2	2	-	-	-
King's College	4	4	-	-	-
Lafayette College	7	7	-	-	-
LaRoche College	4	4	-	-	-
LaSalle College	13	13	-	-	-
Lebanon Valley College	5	5	-	-	-
Lehigh University	6	5	-	1	-
Lycoming College	3	3	-	-	-
Moravian--Total	9	9	-	-	-
Moravian College	9	9	-	-	-
Muhlenberg College	8	8	-	-	-
Rosemont College	15	15	-	-	-
St. Francis College	3	3	-	-	-
St. Joseph's University	8	8	-	-	-
Seton Hill College	5	5	-	-	-
Susquehanna University	6	6	-	-	-
Swarthmore College	10	10	-	-	-
Thiel College	4	4	-	-	-
University of Scranton	5	5	-	-	-
Ursinus College	4	4	-	-	-
Villa Maria College	1	1	-	-	-
Villanova University	21	11	-	10	-
Westminster College	4	4	-	-	-
Widener College of Widener University	6	6	-	-	-
Wilson College	1	1	-	-	-
HEALTH PROFESSIONS--Total	6 496	3 602	2 104	719	71
State Colleges and University	602	544	-	58	-
Bloomsburg State College	69	69	-	-	-
California State College	13	13	-	-	-
Clarion State College	62	49	-	13	-
East Stroudsburg State College	27	27	-	-	-
Edinboro State College	88	58	-	30	-
Indiana University of Pennsylvania	155	155	-	-	-
Kutztown State College	6	6	-	-	-
Mansfield State College	1	1	-	-	-
Millersville State College	22	22	-	-	-
Shippensburg State College	13	13	-	-	-
Slippery Rock State College	48	48	-	-	-
West Chester State College	98	83	-	15	-
State-Related Commonwealth Universities	2 178	1 016	685	425	52
The Pennsylvania State University	399	283	96	17	3
Temple University	765	329	316	100	20
University of Pittsburgh	1 014	404	273	308	29

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
HEALTH PROFESSIONS--Concluded					
Private State-Aided Institutions	1 989	405	1 392	174	18
Hahnemann Medical College and Hospital	284	85	188	11	-
Medical College of Pennsylvania	123	-	117	3	3
Pennsylvania College of Optometry	141	-	141	-	-
Pennsylvania College of Podiatric Medicine	105	-	105	-	-
Philadelphia College of Osteopathic Medicine	204	-	202	2	-
Philadelphia College of Textiles and Science	21	21	-	-	-
Thomas Jefferson University	336	115	221	-	-
University of Pennsylvania	775	184	418	158	15
Private Colleges and Universities	1 727	1 637	27	62	1
Albright College	25	25	-	-	-
Allentown College of St. Francis de Sales	33	33	-	-	-
Beaver College	2	2	-	-	-
Cabrini College	4	4	-	-	-
Carlow College	51	51	-	-	-
Cedar Crest College	47	47	-	-	-
College Misericordia	50	50	-	-	-
Combs College of Music	3	3	-	-	-
Duquesne University	319	297	15	7	-
Eastern College	1	1	-	-	-
Elizabethtown College	36	36	-	-	-
Gannon University	55	55	-	-	-
Geneva College	5	5	-	-	-
Gettysburg College	1	1	-	-	-
Gwynedd-Mercy College	73	73	-	-	-
Holy Family College	57	57	-	-	-
Immaculata College	1	1	-	-	-
Juniata College	15	15	-	-	-
King's College	6	6	-	-	-
LaRoche College	35	35	-	-	-
Lebanon Valley College	27	27	-	-	-
Lehigh University	20	20	-	-	-
Marywood College	26	26	-	-	-
Mercyhurst College	13	13	-	-	-
Messiah College	7	7	-	-	-
Moravian--Total	6	6	-	-	-
Moravian College	6	6	-	-	-
Neumann College[17]	64	64	-	-	-
Philadelphia College of Pharmacy and Science	194	177	12	4	1
Point Park College	7	7	-	-	-
St. Francis College	8	8	-	-	-
Seton Hill College	1	1	-	-	-
Spring Garden College	9	9	-	-	-
Thiel College	4	4	-	-	-
University of Scranton	63	12	-	51	-
Villa Maria College	74	74	-	-	-
Villanova University	171	171	-	-	-
Waynesburg College	1	1	-	-	-
Widener College of Widener University	117	117	-	-	-
Wilkes College	81	81	-	-	-
York College of Pennsylvania	15	15	-	-	-
HOME ECONOMICS--Total	1 091	1 015	-	61	15
State Colleges and University	287	287	-	-	-
Cheyney State College	7	7	-	-	-
Edinboro State College	1	1	-	-	-
Indiana University of Pennsylvania	234	234	-	-	-
Mansfield State College	45	45	-	-	-
State-Related Commonwealth Universities	483	444	-	24	15
The Pennsylvania State University	483	444	-	24	15
Private State-Aided Institutions	148	121	-	27	-
Drexel University	148	121	-	27	-
Private Colleges and Universities	173	163	-	10	-
Albright College	11	11	-	-	-
College Misericordia	19	19	-	-	-
Immaculata College	23	23	-	-	-
Marywood College	56	46	-	10	-
Mercyhurst College	18	18	-	-	-
Messiah College	12	12	-	-	-
Seton Hill College	29	29	-	-	-
Villa Maria College	5	5	-	-	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
LAW--Total	1 359	22	1 260	77	-
State-Related Commonwealth Universities	543	-	498	45	-
Temple University	339	-	294	45	-
University of Pittsburgh	204	-	204	-	-
Private State-Aided Institutions	256	18	210	28	-
University of Pennsylvania	256	18	210	28	-
Private Colleges and Universities	560	4	552	4	-
Dickinson School of Law	162	-	158	4	-
Duquesne University	194	-	194	-	-
Marywood College	4	4	-	-	-
Villanova University	200	-	200	-	-
LETTERS--Total	3 316	2 827	-	356	133
State Colleges and University	552	468	-	68	16
Bloomsburg State College	31	25	-	6	-
California State College	38	35	-	3	-
Cheyney State College	30	29	-	1	-
Clarion State College	21	19	-	2	-
East Stroudsburg State College	22	22	-	-	-
Edinboro State College	41	38	-	3	-
Indiana University of Pennsylvania	75	50	-	9	16
Kutztown State College	23	19	-	4	-
Lock Haven State College	15	15	-	-	-
Mansfield State College	23	23	-	-	-
Millersville State College	53	44	-	9	-
Shippensburg State College	34	22	-	12	-
Slippery Rock State College	46	38	-	8	-
West Chester State College	100	89	-	11	-
State-Related Commonwealth Universities	877	711	-	101	65
Lincoln University	9	9	-	-	-
The Pennsylvania State University	327	271	-	30	26
Temple University	156	107	-	29	20
University of Pittsburgh	385	324	-	42	19
Private State-Aided Institutions	196	128	-	37	31
University of Pennsylvania	196	128	-	37	31
Private Colleges and Universities	1 650	1 508	-	121	21
Academy of the New Church	4	4	-	-	-
Albright College	16	16	-	-	-
Allegheny College	63	63	-	-	-
Allentown College of St. Francis de Sales	8	8	-	-	-
Alvernia College	3	3	-	-	-
Beaver College	16	16	-	-	-
Bryn Mawr College	45	34	-	4	7
Bucknell University	64	62	-	2	-
Cabrini College	11	11	-	-	-
Carlow College	2	2	-	-	-
Carnegie-Mellon University	53	42	-	5	6
Cedar Crest College	10	10	-	-	-
Chatham College	8	8	-	-	-
Chestnut Hill College	12	12	-	-	-
College Misericordia	2	2	-	-	-
Dickinson College	62	62	-	-	-
Dropsie University	1	-	-	-	1
Duquesne University	74	42	-	26	6
Eastern College	14	14	-	-	-
Elizabethtown College	6	6	-	-	-
Franklin and Marshall College	42	42	-	-	-
Gannon University	10	6	-	4	-
Geneva College	44	44	-	-	-
Gettysburg College	52	52	-	-	-
Gratz College	10	6	-	4	-
Grove City College	22	22	-	-	-
Gwynedd-Mercy College	6	6	-	-	-
Haverford College	48	48	-	-	-
Holy Family College	6	6	-	-	-
Immaculata College	17	17	-	-	-
Juniata College	9	9	-	-	-
Kings College	20	20	-	-	-
Lafayette College	23	23	-	-	-
Lancaster Bible College	76	76	-	-	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
LETTERS--Concluded					
Private Colleges and Universities--Concluded					
LaRoche College	12	12	-	-	-
LaSalle College	39	39	-	-	-
Lebanon Valley College	15	15	-	-	-
Lehigh University	21	14	-	6	1
Lycoming College	11	11	-	-	-
Marywood College	19	13	-	6	-
Mercyhurst College	3	3	-	-	-
Messiah College	3	3	-	-	-
Moravian--Total	18	18	-	-	-
Moravian College	18	18	-	-	-
Muhlenberg College	25	25	-	-	-
Neumann College[17]	4	4	-	-	-
Philadelphia College of Bible	105	105	-	-	-
Point Park College	5	5	-	-	-
Rosemont College	16	16	-	-	-
St. Francis College	21	21	-	-	-
St. Joseph's University	62	62	-	-	-
St. Vincent--Total	11	11	-	-	-
St. Vincent College	11	11	-	-	-
Seton Hill College	17	17	-	-	-
Susquehanna University	19	19	-	-	-
Swarthmore College	55	55	-	-	-
Thiel College	13	13	-	-	-
University of Scranton	38	29	-	9	-
Ursinus College	13	13	-	-	-
Villa Maria College	5	5	-	-	-
Villanova University	128	77	-	51	-
Washington and Jefferson College	15	15	-	-	-
Waynesburg College	7	7	-	-	-
Westminster College	48	47	-	1	-
Widener College of Widener University	12	12	-	-	-
Wilkes College	22	19	-	3	-
Wilson College	4	4	-	-	-
York College of Pennsylvania	5	5	-	-	-
Theological Seminaries	41	12	-	29	-
St. Charles Borromeo	41	12	-	29	-
LIBRARY SCIENCE--Total	357	29	-	319	9
State Colleges and University	69	29	-	40	-
Clarion State College	29	10	-	19	-
Kutztown State College	18	12	-	6	-
Shippensburg State College	15	-	-	15	-
Slippery Rock State College	7	7	-	-	-
State-Related Commonwealth Universities	134	-	-	126	8
University of Pittsburgh	134	-	-	126	8
Private State-Aided Institutions	125	-	-	124	1
Drexel University	125	-	-	124	1
Private Colleges and Universities	29	-	-	29	-
Duquesne University	5	-	-	5	-
Villanova University	24	-	-	24	-
MATHEMATICS--Total	940	796	-	117	27
State Colleges and University	244	203	-	41	-
Bloomsburg State College	13	13	-	-	-
California State College	24	24	-	-	-
Cheyney State College	6	6	-	-	-
Clarion State College	16	10	-	6	-
East Stroudsburg State College	7	7	-	-	-
Edinboro State College	14	13	-	1	-
Indiana University of Pennsylvania	38	27	-	11	-
Kutztown State College	9	5	-	4	-
Lock Haven State College	11	11	-	-	-
Mansfield State College	7	7	-	-	-
Millersville State College	27	20	-	7	-
Shippensburg State College	29	25	-	4	-
Slippery Rock State College	10	10	-	-	-
West Chester State College	33	25	-	8	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
MATHEMATICS--Concluded					
State-Related Commonwealth Universities	167	120	-	33	14
Lincoln University	3	3	-	-	-
The Pennsylvania State University	92	62	-	23	7
Temple University	23	18	-	2	3
University of Pittsburgh	49	37	-	8	4
Private State-Aided Institutions	56	42	-	9	5
Drexel University	29	22	-	7	-
University of Pennsylvania	27	20	-	2	5
Private Colleges and Universities	473	431	-	34	8
Albright College	12	12	-	-	-
Allegheny College	12	12	-	-	-
Allentown College of St. Francis de Sales	3	3	-	-	-
Alvernia College	2	2	-	-	-
Beaver College	4	4	-	-	-
Bryn Mawr College	3	3	-	-	-
Bucknell University	34	34	-	-	-
Cabrini College	3	3	-	-	-
Carlow College	2	2	-	-	-
Carnegie-Mellon University	79	60	-	16	3
Cedar Crest College	1	1	-	-	-
Chatham College	2	2	-	-	-
Chestnut Hill College	4	4	-	-	-
College Misericordia	1	1	-	-	-
Dickinson College	3	3	-	-	-
Duquesne University	6	6	-	-	-
Eastern College	1	1	-	-	-
Elizabethtown College	4	4	-	-	-
Franklin and Marshall College	9	9	-	-	-
Gannon University	6	6	-	-	-
Geneva College	5	5	-	-	-
Gettysburg College	13	13	-	-	-
Grove City College	19	19	-	-	-
Gwynedd-Mercy College	3	3	-	-	-
Haverford College	3	3	-	-	-
Immaculata College	1	1	-	-	-
Juniata College	3	3	-	-	-
King's College	2	2	-	-	-
Lafayette College	12	12	-	-	-
LaRoche College	2	2	-	-	-
LaSalle College	30	30	-	-	-
Lebanon Valley College	10	10	-	-	-
Lehigh University	26	14	-	7	5
Lycoming College	2	2	-	-	-
Marywood College	1	1	-	-	-
Mercyhurst College	2	2	-	-	-
Messiah College	5	5	-	-	-
Moravian--Total	14	14	-	-	-
Moravian College	14	14	-	-	-
Muhlenberg College	5	5	-	-	-
Rosemont College	4	4	-	-	-
St. Francis College	2	2	-	-	-
St. Joseph's University	16	16	-	-	-
St. Vincent--Total	9	9	-	-	-
St. Vincent College	9	9	-	-	-
Seton Hill College	3	3	-	-	-
Susquehanna University	3	3	-	-	-
Swarthmore College	9	9	-	-	-
Thiel College	4	4	-	-	-
University of Scranton	15	15	-	-	-
Ursinus College	9	9	-	-	-
Villa Maria College	1	1	-	-	-
Villanova University	25	14	-	11	-
Washington and Jefferson College	2	2	-	-	-
Waynesburg College	1	1	-	-	-
Westminster College	11	11	-	-	-
Widener College of Widener University	1	1	-	-	-
Wilkes College	9	9	-	-	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
PHYSICAL SCIENCES--Total	2 218	1 785	-	279	154
State Colleges and University	298	251	-	47	-
Bloomsburg State College	20	18	-	2	-
California State College	25	20	-	5	-
Cheyney State College	12	11	-	1	-
Clarion State College	27	27	-	-	-
East Stroudsburg State College	24	24	-	-	-
Edinboro State College	27	21	-	6	-
Indiana University of Pennsylvania	38	28	-	10	-
Kutztown State College	13	13	-	-	-
Lock Haven State College	6	6	-	-	-
Mansfield State College	7	7	-	-	-
Millersville State College	32	30	-	2	-
Shippensburg State College	13	8	-	5	-
Slippery Rock State College	19	18	-	1	-
West Chester State College	35	20	-	15	-
State-Related Commonwealth Universities	751	549	-	113	89
Lincoln University	4	4	-	-	-
The Pennsylvania State University	492	361	-	75	56
Temple University	47	30	-	11	6
University of Pittsburgh	208	154	-	27	27
Private State-Aided Institutions	159	99	-	27	33
Delaware Valley College of Science and Agriculture	4	4	-	-	-
Drexel University	55	29	-	21	5
Philadelphia College of Textiles and Science	9	9	-	-	-
University of Pennsylvania	91	57	-	6	28
Private Colleges and Universities	1 010	886	-	92	32
Albright College	8	8	-	-	-
Allegheny College	62	62	-	-	-
Allentown College of St. Francis de Sales	7	7	-	-	-
Alvernia College	5	5	-	-	-
Beaver College	5	5	-	-	-
Bryn Mawr College	29	26	-	-	3
Bucknell University	34	28	-	6	-
Cabrini College	4	4	-	-	-
Carnegie-Mellon University	70	45	-	14	11
Cedar Crest College	5	5	-	-	-
Chatham College	3	3	-	-	-
Chestnut Hill College	5	5	-	-	-
College Misericordia	2	2	-	-	-
Dickinson College	18	18	-	-	-
Duquesne University	37	13	-	19	5
Eastern College	7	7	-	-	-
Elizabethtown College	8	8	-	-	-
Franklin and Marshall College	56	56	-	-	-
Gannon University	38	38	-	-	-
Geneva College	7	7	-	-	-
Gettysburg College	13	13	-	-	-
Grove City College	12	12	-	-	-
Haverford College	34	34	-	-	-
Immaculata College	7	7	-	-	-
Juniata College	22	22	-	-	-
King's College	10	10	-	-	-
Lafayette College	23	23	-	-	-
LaSalle College	19	19	-	-	-
Lebanon Valley College	14	14	-	-	-
Lehigh University	68	35	-	25	8
Lycoming College	8	8	-	-	-
Marywood College	1	1	-	-	-
Mercyhurst College	7	7	-	-	-
Messiah College	5	5	-	-	-
Moravian--Total	15	15	-	-	-
Moravian College	15		-	-	-
Muhlenberg College	32		-	-	-
Philadelphia College of Pharmacy and Science	9	2	-	4	3
St. Francis College	3	3	-	-	-
St. Joseph's University	46	36	-	10	-
St. Vincent--Total	9	9	-	-	-
St. Vincent College	9	9	-	-	-
Seton Hill College	6	6	-	-	-
Susquehanna University	13	13	-	-	-
Swarthmore College	25	25	-	-	-
Thiel College	16	16	-	-	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
PHYSICAL SCIENCES--Concluded					
Private Colleges and Universities--Concluded					
University of Scranton	19	15	-	4	-
Ursinus College	28	28	-	-	-
Villanova University	67	55	-	10	2
Washington and Jefferson College	27	27	-	-	-
Waynesburg College	9	9	-	-	-
Westminster College	10	10	-	-	-
Widener College of Widener University	6	6	-	-	-
Wilkes College	16	16	-	-	-
Wilson College	1	1	-	-	-
PSYCHOLOGY--Total	2 804	2 414	-	319	71
State Colleges and University	595	528	-	67	-
Bloomsburg State College	35	35	-	-	-
California State College	13	13	-	-	-
Cheyney State College	24	24	-	-	-
Clarion State College	34	34	-	-	-
East Stroudsburg State College	43	43	-	-	-
Edinboro State College	60	51	-	9	-
Indiana University of Pennsylvania	68	63	-	5	-
Kutztown State College	24	14	-	10	-
Lock Haven State College	13	13	-	-	-
Mansfield State College	33	27	-	6	-
Millersville State College	91	73	-	18	-
Shippensburg State College	48	48	-	-	-
Slippery Rock State College	15	15	-	-	-
West Chester State College	94	75	-	19	-
State-Related Commonwealth Universities	719	586	-	87	46
Lincoln University	14	14	-	-	-
The Pennsylvania State University	183	135	-	35	13
Temple University	200	145	-	40	15
University of Pittsburgh	322	292	-	12	18
Private State-Aided Institutions	169	104	-	52	13
Hahnemann Medical College and Hospital	47	-	-	42	5
University of Pennsylvania	122	104	-	10	8
Private Colleges and Universities	1 321	1 196	-	113	12
Albright College	16	16	-	-	-
Allegheny College	34	34	-	-	-
Allentown College of St. Francis de Sales	14	14	-	-	-
Alliance College	1	1	-	-	-
Alvernia College	11	11	-	-	-
Beaver College	19	19	-	-	-
Bryn Mawr College	15	11	-	1	3
Bucknell University	41	38	-	3	-
Cabrini College	7	7	-	-	-
Carlow College	27	27	-	-	-
Carnegie-Mellon University	26	18	-	3	5
Cedar Crest College	25	25	-	-	-
Chatham College	9	9	-	-	-
Chestnut Hill College	17	17	-	-	-
College Misericordia	6	6	-	-	-
Dickinson College	27	27	-	-	-
Duquesne University	81	40	-	37	4
Eastern College	19	19	-	-	-
Elizabethtown College	9	9	-	-	-
Franklin and Marshall College	24	24	-	-	-
Gannon University	14	14	-	-	-
Geneva College	11	11	-	-	-
Gettysburg College	43	43	-	-	-
Grove City College	16	16	-	-	-
Gwynedd-Mercy College	3	3	-	-	-
Haverford College	9	9	-	-	-
Holy Family College	3	3	-	-	-
Immaculata College	25	25	-	-	-
Juniata College	13	13	-	-	-
King's College	41	41	-	-	-
Lafayette College	22	22	-	-	-
LaRoche College	14	14	-	-	-
LaSalle College	62	62	-	-	-
Lebanon Valley College	14	14	-	-	-
Lehigh University	27	23	-	4	-
Lycoming College	18	18	-	-	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
PSYCHOLOGY--Concluded					
Private Colleges and Universities--Concluded					
Marywood College	81	27	-	54	-
Mercyhurst College	3	3	-	-	-
Messiah College	4	4	-	-	-
Moravian--Total	23	23	-	-	-
Moravian College	23	23	-	-	-
Muhlenberg College	40	40	-	-	-
Neumann College[17]	1	1	-	-	-
Point Park College	15	15	-	-	-
Rosemont College	19	19	-	-	-
St. Francis College	10	10	-	-	-
St. Joseph's University	34	34	-	-	-
St. Vincent--Total	5	5	-	-	-
St. Vincent College	5	5	-	-	-
Seton Hill College	26	26	-	-	-
Susquehanna University	13	13	-	-	-
Swarthmore College	24	23	-	1	-
Thiel College	22	22	-	-	-
University of Scranton	23	23	-	-	-
Ursinus College	13	13	-	-	-
Villa Maria College	1	1	-	-	-
Villanova University	54	44	-	10	-
Washington and Jefferson College	19	19	-	-	-
Waynesburg College	7	7	-	-	-
Westminster College	10	10	-	-	-
Widener College of Widener University	26	26	-	-	-
Wilkes College	42	42	-	-	-
Wilson College	1	1	-	-	-
York College of Pennsylvania	42	42	-	-	-
PUBLIC AFFAIRS AND SERVICES--Total	3 828	2 761	-	1 020	47
State Colleges and University	965	881	-	84	-
California State College	67	67	-	-	-
Cheyney State College	14	14	-	-	-
East Stroudsburg State College	10	10	-	-	-
Edinboro State College	70	70	-	-	-
Indiana University of Pennsylvania	59	59	-	-	-
Kutztown State College	56	56	-	-	-
Lock Haven State College	40	40	-	-	-
Mansfield State College	75	75	-	-	-
Millersville State College	36	36	-	-	-
Shippensburg State College	182	118	-	64	-
Slippery Rock State College	180	178	-	2	-
West Chester State College	176	158	-	18	-
State-Related Commonwealth Universities	1 562	954	-	583	25
Lincoln University	29	-	-	29	-
The Pennsylvania State University	695	543	-	148	4
Temple University	389	232	-	157	-
University of Pittsburgh	449	179	-	249	21
Private State-Aided Institutions	145	21	-	114	10
Philadelphia College of Textiles and Science	19	19	-	-	-
University of Pennsylvania	126	2	-	114	10
Private Colleges and Universities	1 156	905	-	239	12
Albright College	3	3	-	-	-
Alvernia College	40	40	-	-	-
Antioch University	145	145	-	-	-
Bryn Mawr College	104	-	-	95	9
Carnegie-Mellon University	41	5	-	33	3
Cedar Crest College	3	3	-	-	-
College Misericordia	15	15	-	-	-
Eastern College	26	26	-	-	-
Elizabethtown College	4	4	-	-	-
Gannon University	31	29	-	2	-
Grove City College	13	13	-	-	-
Gwynedd-Mercy College	3	3	-	-	-
Holy Family College	6	6	-	-	-
Juniata College	6	6	-	-	-
King's College	95	95	-	-	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
PUBLIC AFFAIRS AND SERVICES--Concluded					
Private Colleges and Universities--Concluded					
LaSalle College	79	79	-	-	-
Lebanon Valley College	13	13	-	-	-
Lehigh University	7	4	-	3	-
Lycoming College	30	30	-	-	-
Marywood College	134	33	-	101	-
Mercyhurst College	53	48	-	5	-
Messiah College	10	10	-	-	-
Moravian--Total	27	27	-	-	-
Moravian College	27	27	-	-	-
Philadelphia College of Bible	18	18	-	-	-
Point Park College	8	8	-	-	-
St. Francis College	9	9	-	-	-
St. Joseph's University	6	6	-	-	-
Seton Hill College	13	13	-	-	-
University of Scranton	113	113	-	-	-
Villa Maria College	7	7	-	-	-
Waynesburg College	2	2	-	-	-
Widener College of Widener University	14	14	-	-	-
York College of Pennsylvania	78	78	-	-	-
SOCIAL SCIENCES--Total	6 864	6 312	-	400	152
State Colleges and University	1 484	1 371	-	113	-
Bloomsburg State College	112	105	-	7	-
California State College	111	96	-	15	-
Cheyney State College	49	49	-	-	-
Clarion State College	29	26	-	3	-
East Stroudsburg State College	118	111	-	7	-
Edinboro State College	78	71	-	7	-
Indiana University of Pennsylvania	405	373	-	32	-
Kutztown State College	54	46	-	8	-
Lock Haven State College	33	33	-	-	-
Mansfield State College	33	32	-	1	-
Millersville State College	61	55	-	6	-
Shippensburg State College	93	86	-	7	-
Slippery Rock State College	217	215	-	2	-
West Chester State College	91	73	-	18	-
State-Related Commonwealth Universities	1 454	1 274	-	108	72
Lincoln University	43	43	-	-	-
The Pennsylvania State University	497	431	-	39	27
Temple University	321	279	-	32	10
University of Pittsburgh	593	521	-	37	35
Private State-Aided Institutions	616	455	-	95	66
University of Pennsylvania	616	455	-	95	66
Private Colleges and Universities	3 310	3 212	-	84	14
Albright College	32	32	-	-	-
Allegheny College	131	131	-	-	-
Allentown College of St. Francis de Sales	19	19	-	-	-
Alliance College	6	6	-	-	-
Alvernia College	3	3	-	-	-
Beaver College	24	24	-	-	-
Bryn Mawr College	90	71	-	12	7
Bucknell University	175	175	-	-	-
Cabrini College	11	11	-	-	-
Carlow College	13	13	-	-	-
Carnegie-Mellon University	63	46	-	11	6
Cedar Crest College	20	20	-	-	-
Chatham College	30	30	-	-	-
Chestnut Hill College	32	32	-	-	-
College Misericordia	10	10	-	-	-
Dickinson College	163	163	-	-	-
Duquesne University	100	82	-	18	-
Eastern College	14	14	-	-	-
Elizabethtown College	26	26	-	-	-
Franklin and Marshall College	172	172	-	-	-
Gannon University	37	34	-	3	-
Geneva College	24	24	-	-	-
Gettysburg College	115	115	-	-	-
Grove City College	41	41	-	-	-
Gwynedd-Mercy College	10	10	-	-	-

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Continued

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
SOCIAL SCIENCES--Concluded					
Private Colleges and Universities--Concluded					
Haverford College	86	86	-	-	-
Holy Family College	8	8	-	-	-
Immaculata College	30	30	-	-	-
Juniata College	36	36	-	-	-
King's College	36	36	-	-	-
Lafayette College	206	206	-	-	-
LaRoche College	24	24	-	-	-
LaSalle College	84	84	-	-	-
Lebanon Valley College	28	28	-	-	-
Lehigh University	73	64	-	8	1
Lycoming College	58	58	-	-	-
Marywood College	13	12	-	1	-
Mercyhurst College	9	9	-	-	-
Messiah College	30	30	-	-	-
Moravian--Total	35	35	-	-	-
Moravian College	35	35	-	-	-
Muhlenberg College	65	65	-	-	-
Neumann College[17]	4	4	-	-	-
Point Park College	4	4	-	-	-
Rosemont College	37	37	-	-	-
St. Francis College	20	20	-	-	-
St. Joseph's University	137	137	-	-	-
St. Vincent--Total	23	23	-	-	-
St. Vincent College	23	23	-	-	-
Seton Hill College	12	12	-	-	-
Spring Garden College	3	3	-	-	-
Susquehanna University	41	41	-	-	-
Swarthmore College	104	104	-	-	-
Thiel College	35	35	-	-	-
University of Scranton	68	56	-	12	-
Ursinus College	68	68	-	-	-
Villa Maria College	3	3	-	-	-
Villanova University	279	260	-	19	-
Washington and Jefferson College	100	100	-	-	-
Waynesburg College	15	15	-	-	-
Westminster College	69	69	-	-	-
Widener College of Widener University	33	33	-	-	-
Wilkes College	52	52	-	-	-
Wilson College	9	9	-	-	-
York College of Pennsylvania	12	12	-	-	-
THEOLOGY--Total	996	347	398	205	46
Private Colleges and Universities	464	347	40	77	-
Academy of the New Church	3	-	3	-	-
Allentown College of St. Francis de Sales	5	5	-	-	-
Baptist Bible College and School of Theology	129	116	13	-	-
Duquesne University	52	8	-	44	-
Gannon University	3	1	-	2	-
Immaculata College	16	16	-	-	-
LaSalle College	13	-	-	13	-
Lebanon Valley College	2	2	-	-	-
Marywood College	16	-	-	16	-
Messiah College	24	24	-	-	-
Moravian--Total	11	-	11	-	-
Moravian Theological Seminary	11	-	11	-	-
Reconstructionist Rabbinical College	3	-	3	-	-
St. Vincent--Total	13	1	10	2	-
St. Vincent College	1	1	-	-	-
St. Vincent Seminary	12	-	10	2	-
Susquehanna University	1	1	-	-	-
United Wesleyan College	33	33	-	-	-
Valley Forge Christian College	120	120	-	-	-
Westminster College	20	20	-	-	-
Theological Seminaries	532	-	358	128	46
Biblical Theological Seminary	21	-	20	1	-
Calvary Baptist Theological Seminary	19	-	19	-	-
Eastern Baptist Theological Seminary	66	-	48	-	18
Evangelical School of Theology	20	-	18	2	-
Faith Theological Seminary	7	-	4	3	-
Lancaster Theological Seminary	48	-	35	5	8
Lutheran Theological Seminary--Gettysburg	58	-	45	9	4
Lutheran Theological Seminary--Philadelphia	52	-	42	8	2

TABLE 4

BACHELOR'S AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM BY MAJOR FIELD OF STUDY AND INSTITUTION, 1979-80--Concluded

	Total Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
THEOLOGY--Concluded					
Theological Seminaries--Concluded					
Mary Immaculate Seminary	17	-	10	7	-
Pittsburgh Theological Seminary	63	-	38	15	10
Reformed Presbyterian Theological Seminary	7	-	7	-	-
St. Charles Borromeo	20	-	20	-	-
Theological Seminary of the Reformed Episcopal Church	17	-	17	-	-
Westminster Theological Seminary	117	-	35	78	4
INTERDISCIPLINARY STUDIES--Total	1 449	1 286	-	153	10
State Colleges and University	151	134	-	17	-
Bloomsburg State College	2	2	-	-	-
California State College	38	38	-	-	-
Clarion State College	4	4	-	-	-
East Stroudsburg State College	6	3	-	3	-
Edinboro State College	21	21	-	-	-
Lock Haven State College	17	17	-	-	-
Mansfield State College	7	7	-	-	-
Shippensburg State College	39	25	-	14	-
Slippery Rock State College	15	15	-	-	-
West Chester State College	2	2	-	-	-
State-Related Commonwealth Universities	490	431	-	53	6
The Pennsylvania State University	285	227	-	52	6
Temple University	66	65	-	1	-
University of Pittsburgh	139	139	-	-	-
Private State-Aided Institutions	395	319	-	72	4
Drexel University	37	37	-	-	-
Pennsylvania College of Optometry	159	159	-	-	-
University of Pennsylvania	199	123	-	72	4
Private Colleges and Universities	413	402	-	11	-
Academy of the New Church	7	7	-	-	-
Albright College	29	29	-	-	-
Allegheny College	29	29	-	-	-
Beaver College	13	3	-	10	-
Bucknell University	13	12	-	1	-
Carlow College	3	3	-	-	-
Carnegie-Mellon University	1	1	-	-	-
Chatham College	10	10	-	-	-
College Misericordia	2	2	-	-	-
Dickinson College	5	5	-	-	-
Duquesne University	9	9	-	-	-
Franklin and Marshall College	9	9	-	-	-
Gannon University	10	10	-	-	-
Grove City College	1	1	-	-	-
Immaculata College	4	4	-	-	-
Juniata College	14	14	-	-	-
King's College	1	1	-	-	-
LaRoche College	13	13	-	-	-
LaSalle College	4	4	-	-	-
Lehigh University	8	8	-	-	-
Lycoming College	5	5	-	-	-
Marywood College	1	1	-	-	-
Mercyhurst College	5	5	-	-	-
Messiah College	3	3	-	-	-
Muhlenberg College	57	57	-	-	-
Neumann College[1/]	38	38	-	-	-
Point Park College	3	3	-	-	-
Rosemont College	3	3	-	-	-
St. Francis College	3	3	-	-	-
St. Joseph's University	4	4	-	-	-
St. Vincent--Total	18	18	-	-	-
St. Vincent College	18	18	-	-	-
Seton Hill College	7	7	-	-	-
Swarthmore College	17	17	-	-	-
Thiel College	13	13	-	-	-
University of Scranton	8	8	-	-	-
Villanova University	17	17	-	-	-
Westminster College	3	3	-	-	-
Widener College of Widener University	7	7	-	-	-
Wilson College	2	2	-	-	-
York College of Pennsylvania	14	14	-	-	-

1/ Formerly Our Lady of Angels College.

TABLE 5

ASSOCIATE DEGREES AND OTHER FORMAL AWARDS BASED ON LESS THAN FOUR YEARS OF WORK
BY LEVEL OF AWARD BY INSTITUTION, 1979-80

	CURRICULUMS OF 2 OR MORE YEARS, BUT LESS THAN 4 YEARS				CURRICULUMS OF AT LEAST 1 YEAR, BUT LESS THAN 2 YEARS
	Work Wholly or Chiefly Creditable Toward a Bachelor's Degree		Work Not Wholly or Chiefly Creditable Toward a Bachelor's Degree		
	Associate Degrees	Other Formal Recognition (without associate degrees)	Associate Degrees	Other Formal Recognition (without associate degrees)	
TOTAL, ALL INSTITUTIONS (118)	8 939	604	8 168	3 078	3 762
STATE COLLEGES AND UNIVERSITY (4)	120	-	-	-	-
Clarion State College	43	-	-	-	-
Edinboro State College	25	-	-	-	-
Indiana University of Pennsylvania	27	-	-	-	-
Mansfield State College	25	-	-	-	-
STATE-RELATED COMMONWEALTH UNIVERSITIES (3)	513	115	1 161	-	2 928
The Pennsylvania State University	250	-	1 161	-	2 928
Temple University	215	-	-	-	-
University of Pittsburgh	48	115	-	-	-
COMMUNITY COLLEGES (14)	5 333	422	2 572	474	675
Bucks County Community College	795	-	-	-	26
Butler County Community College	60	-	139	-	79
Community College of Allegheny County	1 597	422	-	-	-
Community College of Beaver County	21	-	262	-	158
Community College of Philadelphia	381	-	906	49	-
Delaware County Community College	229	-	280	9	-
Harrisburg Area Community College	362	-	323	-	32
Lehigh County Community College	145	-	258	-	82
Luzerne County Community College	126	-	256	-	107
Montgomery County Community College	703	-	-	17	-
Northampton County Area Community College	527	-	-	-	-
Reading Area Community College	154	-	-	-	-
Westmoreland County Community College	29	-	216	-	76
Williamsport Area Community College	204	-	332	399	115
PRIVATE STATE-AIDED INSTITUTIONS (7)	262	6	-	99	51
Hahnemann Medical College and Hospital	204	-	-	-	-
Medical College of Pennsylvania	-	-	-	25	-
Philadelphia College of Art	-	4	-	-	-
Philadelphia College of Textiles and Science	14	-	-	-	-
Philadelphia College of the Performing Arts	8	2	-	-	-
Thomas Jefferson University	1	-	-	74	51
University of Pennsylvania	35	-	-	-	-
PRIVATE COLLEGES AND UNIVERSITIES (33)	1 137	45	-	2 466	80
Academy of the New Church	31	-	-	-	-
Alliance College	10	-	-	2	-
Alvernia College	11	-	-	-	-
American College	-	-	-	2 461	-
Baptist Bible College and School of Theology	82	4	-	-	14
Beaver College	3	-	-	-	-
Chestnut Hill College	1	-	-	-	-
College Misericordia	18	-	-	-	-
Curtis Institute of Music	-	7	-	-	-
Elizabethtown College	11	-	-	-	-
Franklin and Marshall College	14	19	-	-	-
Gannon University	56	8	-	-	-
Geneva College	12	-	-	-	-
Gwynedd-Mercy College	129	-	-	-	26
King's College	27	-	-	-	-
Lancaster Bible College	-	3	-	3	9
Mercyhurst College	8	2	-	-	-
Messiah College	-	2	-	-	-
Point Park College	21	-	-	-	-
Robert Morris College	322	-	-	-	-
St. Francis College	4	-	-	-	-
St. Joseph's University	49	-	-	-	-
Spring Garden College	68	-	-	-	-
Susquehanna University	6	-	-	-	-
Thiel College	4	-	-	-	-
United Wesleyan College	6	-	-	-	-
University of Scranton	7	-	-	-	-
Ursinus College	20	-	-	-	-

TABLE 5

ASSOCIATE DEGREES AND OTHER FORMAL AWARDS BASED ON LESS THAN FOUR YEARS OF WORK
BY LEVEL OF AWARD BY INSTITUTION, 1979-80--Concluded

	CURRICULUMS OF 2 OR MORE YEARS, BUT LESS THAN 4 YEARS				CURRICULUMS OF AT LEAST 1 YEAR, BUT LESS THAN 2 YEARS
	Work Wholly or Chiefly Creditable Toward a Bachelor's Degree		Work Not Wholly or Chiefly Creditable Toward a Bachelor's Degree		
	Associate Degrees	Other Formal Recognition (without associate degrees)	Associate Degrees	Other Formal Recognition (without associate degrees)	
PRIVATE COLLEGES AND UNIVERSITIES--Concluded					
Villanova University	12	-	-	-	31
Washington and Jefferson College	3	-	-	-	-
Waynesburg College	15	-	-	-	-
Widener College of Widener University	20	-	-	-	-
York College of Pennsylvania	167	-	-	-	-
PRIVATE JUNIOR COLLEGES (9)	1 326	16	247	29	28
Harcum Junior College	328	-	-	-	-
Keystone Junior College	215	-	-	-	1
Lackawanna Junior College	185	-	122	13	-
Manor Junior College	84	8	-	-	-
Mount Aloysius Junior College	159	-	-	-	14
Northeastern Christian Junior College	43	-	-	-	-
Peirce Junior College	240	-	125	16	13
Pinebrook Junior College	30	-	-	-	-
Valley Forge Military Junior College	42	8	-	-	-
PROPRIETARY SCHOOLS[1/] (47)	248	-	4 126	10	-
Allentown Business School	-	-	73	-	-
Altoona School of Commerce	-	-	12	-	-
Antonelli School of Photography	-	-	92	-	-
Art Institute of Philadelphia	-	-	59	-	-
Art Institute of Pittsburgh	-	-	504	-	-
Berean Institute	-	-	37	-	-
Cambria-Rowe Business College	-	-	89	-	-
Center for Degree Studies	-	-	87	-	-
Central Pennsylvania Business School	248	-	-	10	-
Centre Business School	-	-	36	-	-
Churchman Business School	-	-	46	-	-
Computer Systems Institute, Inc.	-	-	77	-	-
Dean Institute of Technology	-	-	118	-	-
DuBois Business College	-	-	59	-	-
Duff's Business Institute	-	-	96	-	-
Electronic Institutes--Harrisburg	-	-	62	-	-
Electronic Institutes--Pittsburgh	-	-	126	-	-
Erie Business Center	-	-	77	-	-
Hiram G. Andrews Center	-	-	26	-	-
Hussian School of Art	-	-	36	-	-
ICM School of Business	-	-	235	-	-
Johnson School of Technology	-	-	141	-	-
Keystone Secretarial and Business Administration School	-	-	48	-	-
Levitan School, Inc.	-	-	16	-	-
Lincoln Technical Institute	-	-	163	-	-
Lyons Technical Institute--Philadelphia	-	-	27	-	-
McCann School of Business	-	-	33	-	-
McCarrie Schools, Inc.	-	-	54	-	-
New Castle Business College	-	-	29	-	-
New Kensington Commercial School	-	-	25	-	-
Penn Commercial	-	-	18	-	-
Penn Technical Institute	-	-	216	-	-
Pennco Tech	-	-	231	-	-
Pennsylvania Institute of Technology	-	-	45	-	-
Philadelphia School of Office Training	-	-	143	-	-
Pittsburgh Institute of Aeronautics	-	-	163	-	-
Pittsburgh Technical Institute	-	-	91	-	-
South Hills Business School	-	-	13	-	-
Thompson Institute	-	-	148	-	-
Tracey-Warner School	-	-	51	-	-
Triangle Institute of Technology	-	-	118	-	-
Triangle Institute of Technology--Erie Center	-	-	59	-	-
Triangle Institute of Technology--Greensburg Center	-	-	36	-	-
Vale Technical Institute	-	-	88	-	-
Wheeler School	-	-	168	-	-
Williamson Free School of Mechanical Trades	-	-	33	-	-
Williamsport School of Commerce	-	-	22	-	-
STATE SCHOOL OF TECHNOLOGY[1/] (1)	-	-	62	-	-
Thaddeus Stevens State School of Technology	-	-	62	-	-

1/ Includes degrees conferred in associate in specialized business (ASB) and associate in specialized technology (AST) programs only.

TABLE 6

ASSOCIATE DEGREES AND OTHER FORMAL AWARDS BASED ON LESS THAN FOUR YEARS OF WORK
BY LEVEL OF PROGRAM AND SEX BY PROGRAM, 1979-80

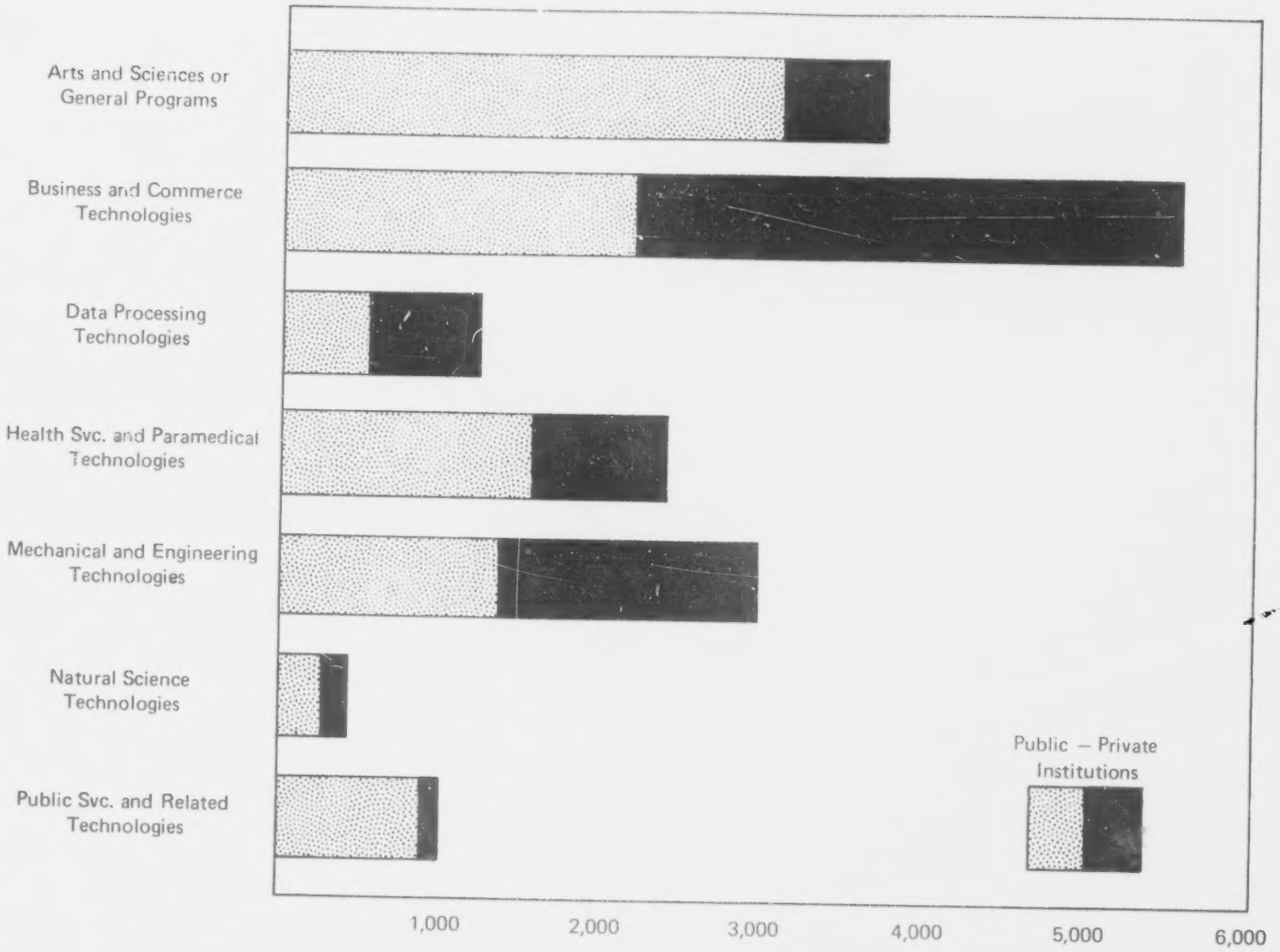
	CURRICULUMS OF 2 OR MORE YEARS, BUT LESS THAN 4 YEARS								CURRICULUMS OF AT LEAST 1 YEAR, BUT LESS THAN 2 YEARS	
	Work Wholly or Chiefly Creditable Toward a Bachelor's Degree				Work Not Wholly or Chiefly Creditable Toward a Bachelor's Degree					
	Associate Degrees		Other Formal Recognition (without associate degrees)		Associate Degrees		Other Formal Recognition (without associate degrees)			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
TOTAL DEGREES, ALL FIELDS	3 347	5 592	240	364	4 490	3 678	2 732	346	2 114	1 648
ARTS AND SCIENCES OR GENERAL PROGRAMS--Total	1 727	1 990	10	10	1	2	2	1	-	-
BUSINESS AND COMMERCE TECHNOLOGIES--Total	736	1 609	12	73	1 028	2 149	2 319	199	81	137
Business and commerce, general	341	364	1	-	244	209	1	2	1	6
Accounting	119	195	1	2	161	227	2	2	4	1
Banking and finance	14	9	-	-	12	9	-	-	-	-
Marketing, distribution, purchasing, business and industrial management	166	165	6	8	130	179	7 314	153	6	3
Secretarial	1	560	1	28	2	896	-	24	-	34
Personal service	-	-	-	-	2	21	-	-	65	78
Photography	2	3	-	-	126	86	-	-	-	-
Communications and broadcasting	42	22	-	-	9	4	-	-	4	5
Printing and lithography	-	-	-	-	7	1	1	1	-	-
Hotel and restaurant management	24	7	1	-	41	24	-	-	1	1
Transportation and public utility	2	1	-	-	3	-	-	-	-	-
Applied arts, graphic arts and fine arts	18	40	2	5	83	77	-	-	-	1
Travel	2	43	-	-	-	-	-	2	-	-
Court/convention reporting	-	33	-	2	-	11	1	15	-	-
Legal assistant	5	50	-	-	5	41	-	-	-	-
Apparel management	-	46	-	-	-	-	-	-	-	-
Clerical assistant	-	-	-	28	-	-	-	-	-	8
Accounting finance	-	-	-	-	11	16	-	-	-	-
Fashion illustration and design	-	18	-	-	12	86	-	-	-	-
Visual communications	-	-	-	-	130	133	-	-	-	-
Retailing	-	53	-	-	50	129	-	-	-	-
DATA PROCESSING TECHNOLOGIES--Total	168	167	5	6	553	292	1	8	14	24
Data processing, general	84	96	5	6	73	91	-	-	2	-
Computer programmer	57	59	-	-	50	52	-	-	6	10
Computer operator and peripheral equipment operation	12	2	-	-	-	-	1	8	6	14
Computer programming and systems management	6	7	-	-	119	114	-	-	-	-
Executive data management	-	-	-	-	30	17	-	-	-	-
Electronic and computer	-	-	-	-	277	11	-	-	-	-
Computer systems and management science	9	3	-	-	4	6	-	-	-	-
HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES--Total	131	1 378	15	261	122	703	7	132	27	463
Health services assistant, general	-	30	4	18	4	12	-	-	-	-
Dental assistant	-	42	1	54	-	-	-	11	-	40
Dental hygiene	2	91	-	60	1	29	-	-	-	-
Dental laboratory	-	-	-	-	31	15	-	-	-	-
Medical or biological laboratory assistant	3	107	1	18	4	38	-	-	-	-
Animal laboratory assistant	-	97	-	-	-	-	-	-	-	-
Radiologic	16	83	-	-	11	8	-	-	2	7
Nursing, R.N.	38	615	-	-	29	401	4	95	-	10
Nursing, practical	4	18	3	59	-	-	-	6	10	306
Occupational therapy	2	37	-	-	1	34	-	-	-	-
Surgical	-	-	-	-	-	-	-	6	3	12
Optical	2	7	-	-	7	9	-	-	-	-
Medical record	-	20	-	-	-	17	-	-	-	-
Medical assistant and medical office assistant	-	104	-	32	17	80	-	2	1	45
Inhalation therapy	22	26	6	18	9	12	2	5	8	20
Psychiatric	9	66	-	-	-	-	-	-	-	-
Physical therapy	-	-	-	-	3	27	-	-	-	-
Dietetic	9	10	-	2	2	15	1	7	-	11
Cardiovascular	-	5	-	-	1	3	-	-	-	-
Physician assistant	6	8	-	-	-	-	-	-	-	-
Nuclear medical	2	5	-	-	2	3	-	-	3	12
Emergency medical	4	6	-	-	-	-	-	-	-	-
Mortuary science	12	1	-	-	-	-	-	-	-	-
MECHANICAL AND ENGINEERING TECHNOLOGIES--Total	278	38	194	3	2 430	167	396	1	155	14
Mechanical and engineering, general	60	10	-	-	176	20	8	-	8	5
Aeronautical and aviation	-	-	-	-	188	4	19	-	-	-
Engineering graphics	22	3	-	-	32	2	-	-	15	5

TABLE 6

ASSOCIATE DEGREES AND OTHER FORMAL AWARDS BASED ON LESS THAN FOUR YEARS OF WORK
BY LEVEL OF PROGRAM AND SEX BY PROGRAM, 1979-80--Concluded

	CURRICULUMS OF 2 OR MORE YEARS, BUT LESS THAN 4 YEARS								CURRICULUMS OF AT LEAST 1 YEAR, BUT LESS THAN 2 YEARS	
	Work Wholly or Chiefly Creditable Toward a Bachelor's Degree				Work Not Wholly or Chiefly Creditable Toward a Bachelor's Degree					
	Associate Degrees		Other Formal Recognition (without associate degrees)		Associate Degrees		Other Formal Recognition (without associate degrees)			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
MECHANICAL AND ENGINEERING TECHNOLOGIES--Concluded										
Architectural drafting	14	5	-	-	112	24	-	-	2	-
Chemical	1	-	-	-	19	12	-	-	-	-
Automotive	4	-	-	-	211	2	56	-	19	-
Diesel	-	-	-	-	1	-	35	-	18	1
Welding	2	-	16	-	26	1	27	-	37	-
Civil	14	1	-	-	86	5	-	-	-	-
Electronics and machine	70	4	10	2	352	22	-	-	15	-
Electromechanical	10	-	-	-	34	-	-	-	-	-
Industrial	5	1	2	-	82	6	-	-	12	-
Instrumentation	-	-	-	-	1	-	-	-	2	-
Mechanical	11	1	36	-	46	3	17	-	-	-
Nuclear	-	-	-	-	14	3	-	-	-	-
Construction and building	48	1	130	1	225	7	172	-	23	-
Drafting	5	5	-	-	216	40	-	-	-	-
Refrigeration	-	-	-	-	79	-	-	-	-	-
Heavy equipment	-	-	-	-	-	-	62	1	-	-
Toolmaking	-	-	-	-	11	-	-	-	-	-
Auto body repairman	-	-	-	-		-	-	-	-	-
Electrical engineering	-	-	-	-	394	15	-	-	-	-
Research engineering	3	2	-	-	-	-	-	-	-	-
Electric power	-	-	-	-	32	-	-	-	-	-
Environmental pollution control	-	-	-	-	2	-	-	-	-	-
Manufacturing engineering	3	-	-	-	-	-	-	-	-	-
Computer engineering	5	-	-	-	-	-	-	-	-	-
Piano tuner	-	-	-	-	-	-	-	-	4	3
Woodworking	-	-	-	-	21	-	-	-	-	-
Structural design	1	5	-	-	6	-	-	-	-	-
Biomedical equipment	-	-	-	-	28	1	-	-	-	-
NATURAL SCIENCE TECHNOLOGIES--Total	62	67	-	-	151	149	-	-	1 619	923
Natural science, general	14	2	-	-	-	-	-	-	-	-
Agriculture	19	30	-	-	37	20	-	-	1 174	599
Forestry and wildlife	-	-	-	-	85	13	-	-	59	6
Food services	14	12	-	-	10	18	-	-	72	7
Home economics	-	-	-	-	-	-	-	-	32	270
Laboratory, general	3	3	-	-	-	-	-	-	-	-
Sanitation and public health inspection	6	1	-	-	1	-	-	-	-	-
Environmental, general	6	-	-	-	2	1	-	-	-	-
Interior design	-	19	-	-	16	97	-	-	-	-
Homelawns	-	-	-	-	-	-	-	-	27	26
Pest control	-	-	-	-	-	-	-	-	228	14
Turf grass management	-	-	-	-	-	-	-	-	27	1
PUBLIC SERVICE RELATED TECHNOLOGIES--Total	245	343	4	11	205	216	7	5	218	87
Public service, general	-	-	-	-	26	2	-	-	-	-
Bible study/religion related occupations	1	5	2	6	-	-	-	-	6	17
Education	9	122	-	1	2	75	-	-	-	-
Library assistant	-	1	-	-	-	4	-	5	-	-
Police, law enforcement and corrections	198	109	2	-	101	43	6	-	103	37
Recreation and social work related	8	30	-	1	19	45	-	-	7	-
Fire control	20	2	-	-	39	-	1	-	3	-
Public administration and management	6	2	-	-	1	-	-	-	80	19
Child development	3	66	-	3	-	-	-	-	-	-
Social service	-	6	-	-	12	44	-	-	-	-
Developing leadership potential	-	-	-	-	-	-	-	-	12	12
Campground development	-	-	-	-	-	-	-	-	7	2
Labor studies	-	-	-	-	5	3	-	-	-	-

FIGURE 3
ASSOCIATE DEGREES CONFERRED BY MAJOR FIELD OF STUDY
AND INSTITUTIONAL CONTROL, 1979-80



GLOSSARY

ASSOCIATE DEGREE--A degree based on at least two, but less than four years of college work.

BACHELOR'S DEGREE--A degree requiring four or five years of college work.

DOCTOR'S DEGREE--A degree normally based on at least three years of graduate work beyond the bachelor's degree, usually granted as a Ph.D. in any field, or Doctor of Education, Doctor of Juridical Science, Doctor of Public Health, etc.

FIRST-PROFESSIONAL DEGREE--A degree based on at least six years of college work, usually granted in Dentistry, Law, Medicine, Theology, etc. It signifies completion of the academic requirements to begin practice in the profession.

MASTER'S DEGREE--A degree customarily based on at least one year of graduate work beyond the bachelor's degree.

ORGANIZED OCCUPATIONAL CURRICULUM--A curriculum of at least one, but less than four years, designed to prepare high school graduates for immediate employment in a specific occupation. It leads to formal recognition, usually in the form of a certificate, diploma, associate degree, etc.